

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024263.D
 Acq On : 11 Apr 2025 12:25
 Operator : RC/JU
 Sample : PB167518BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167518BS

Quant Time: Apr 11 12:51:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	270274	20.000	ng	0.01
21) Naphthalene-d8	10.540	136	1101814	20.000	ng	0.01
39) Acenaphthene-d10	14.393	164	656088	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1225951	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1268427	20.000	ng	0.00
86) Perylene-d12	25.021	264	1432702	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2647916	156.390	ng	0.02
7) Phenol-d6	6.946	99	3313740	146.355	ng	0.02
23) Nitrobenzene-d5	8.911	82	1941924	99.441	ng	0.02
42) 2,4,6-Tribromophenol	15.904	330	1342960	162.502	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4298219	96.600	ng	0.00
79) Terphenyl-d14	19.922	244	6307003	102.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	283969	42.311	ng	96
3) Pyridine	3.705	79	770741	42.008	ng	96
4) n-Nitrosodimethylamine	3.617	42	306736	50.047	ng	99
6) Aniline	7.093	93	1107245	53.675	ng	99
8) 2-Chlorophenol	7.328	128	993459	54.321	ng	98
9) Benzaldehyde	6.905	77	506030	46.312	ng	95
10) Phenol	6.969	94	1229117	53.774	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	903376	50.118	ng	98
12) 1,3-Dichlorobenzene	7.652	146	1000806	50.746	ng	100
13) 1,4-Dichlorobenzene	7.793	146	1018152	50.562	ng	99
14) 1,2-Dichlorobenzene	8.111	146	978773	50.652	ng	100
15) Benzyl Alcohol	7.999	79	801972	55.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1012596	55.042	ng	96
17) 2-Methylphenol	8.199	107	824242	57.506	ng	99
18) Hexachloroethane	8.828	117	369928	51.781	ng	98
19) n-Nitroso-di-n-propyla...	8.558	70	667299	50.801	ng	99
20) 3+4-Methylphenols	8.528	107	1103931	56.061	ng	99
22) Acetophenone	8.575	105	1365006	49.002	ng	# 99
24) Nitrobenzene	8.952	77	1002486	52.037	ng	99
25) Isophorone	9.475	82	1864710	55.704	ng	99
26) 2-Nitrophenol	9.652	139	509675	55.387	ng	98
27) 2,4-Dimethylphenol	9.716	122	900234	76.080	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	1209828	51.373	ng	99
29) 2,4-Dichlorophenol	10.193	162	872786	54.525	ng	99
30) 1,2,4-Trichlorobenzene	10.399	180	885541	50.073	ng	99
31) Naphthalene	10.587	128	2846994	48.745	ng	100
32) Benzoic acid	9.869	122	653738	56.649	ng	99
33) 4-Chloroaniline	10.693	127	567563	27.154	ng	99
34) Hexachlorobutadiene	10.875	225	520040	51.094	ng	100
35) Caprolactam	11.487	113	289393	55.163	ng	99
36) 4-Chloro-3-methylphenol	11.828	107	949008	54.958	ng	99
37) 2-Methylnaphthalene	12.199	142	1768232	44.814	ng	99
38) 1-Methylnaphthalene	12.416	142	1872679	48.796	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	946884	49.926	ng	# 98
41) Hexachlorocyclopentadiene	12.552	237	1371000	200.543	ng	98
43) 2,4,6-Trichlorophenol	12.816	196	671738	55.732	ng	100

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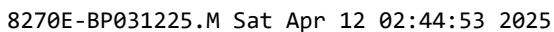
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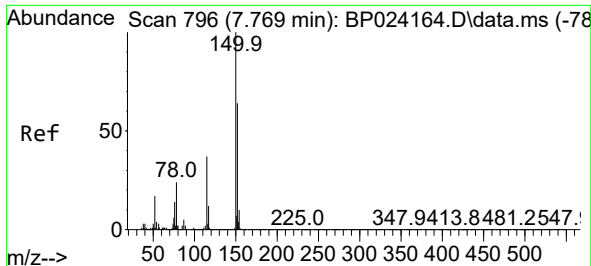
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	727122	55.009	ng	99
46) 1,1'-Biphenyl	13.216	154	2457964	49.855	ng	99
47) 2-Chloronaphthalene	13.251	162	1874459	50.547	ng	98
48) 2-Nitroaniline	13.457	65	562905	59.347	ng	97
49) Acenaphthylene	14.110	152	3136174	55.892	ng	100
50) Dimethylphthalate	13.851	163	2391418	52.092	ng	99
51) 2,6-Dinitrotoluene	13.963	165	532455	55.124	ng	95
52) Acenaphthene	14.457	154	1796188	50.101	ng	99
53) 3-Nitroaniline	14.298	138	333914	32.007	ng	99
54) 2,4-Dinitrophenol	14.510	184	662987	129.718	ng	94
55) Dibenzofuran	14.798	168	2831843	48.764	ng	98
56) 4-Nitrophenol	14.628	139	1057300	121.289	ng	97
57) 2,4-Dinitrotoluene	14.763	165	749419	58.737	ng	99
58) Fluorene	15.457	166	2281360	50.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	634464	54.328	ng	98
60) Diethylphthalate	15.228	149	2377275	52.001	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1107114	49.888	ng	97
62) 4-Nitroaniline	15.481	138	579936	53.002	ng	99
63) Azobenzene	15.745	77	2223203	51.596	ng	98
65) 4,6-Dinitro-2-methylph...	15.540	198	411643	56.560	ng	98
66) n-Nitrosodiphenylamine	15.669	169	1993415	53.546	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	721071	53.572	ng	98
68) Hexachlorobenzene	16.481	284	860387	54.007	ng	100
69) Atrazine	16.651	200	695468	77.398	ng	100
70) Pentachlorophenol	16.834	266	1198571	116.339	ng	100
71) Phenanthrene	17.234	178	3476139	51.903	ng	99
72) Anthracene	17.322	178	3578499	54.860	ng	100
73) Carbazole	17.604	167	3418195	54.339	ng	99
74) Di-n-butylphthalate	18.198	149	4066715	54.458	ng	100
75) Fluoranthene	19.316	202	4056848	52.302	ng	99
77) Benzidine	19.516	184	1910343	137.749	ng	99
78) Pyrene	19.692	202	4190573	53.141	ng	100
80) Butylbenzylphthalate	20.651	149	1901299	58.467	ng	98
81) Benzo(a)anthracene	21.622	228	4314443	54.709	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1165413	44.093	ng	100
83) Chrysene	21.698	228	3975849	52.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.569	149	2777718	56.609	ng	100
85) Di-n-octyl phthalate	22.851	149	4682912	59.565	ng	100
87) Indeno(1,2,3-cd)pyrene	28.851	276	5478900	54.794	ng	100
88) Benzo(b)fluoranthene	23.939	252	4576422	52.978	ng	98
89) Benzo(k)fluoranthene	24.016	252	4518331	53.472	ng	100
90) Benzo(a)pyrene	24.869	252	4367257	58.140	ng	99
91) Dibenzo(a,h)anthracene	28.933	278	4506175	54.169	ng	98
92) Benzo(g,h,i)perylene	30.051	276	4409701	52.146	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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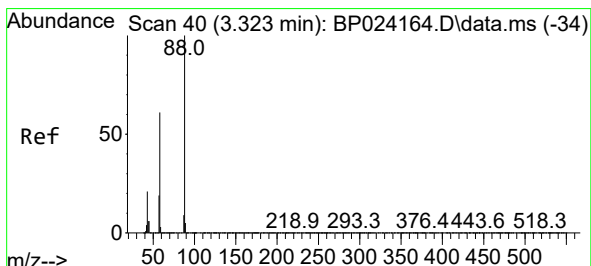
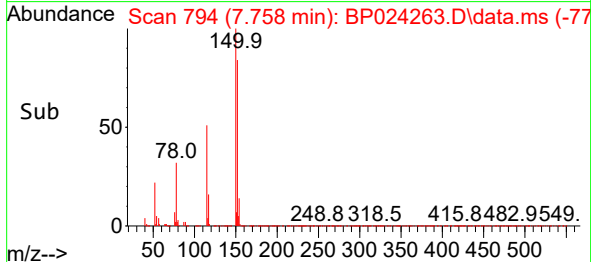
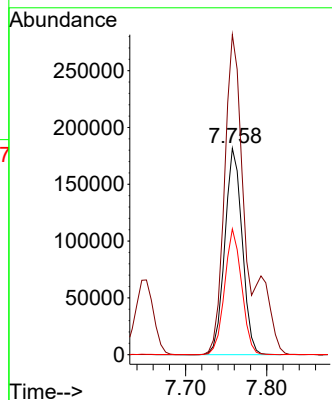
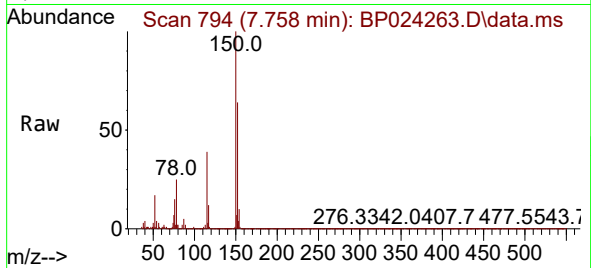




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 796
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

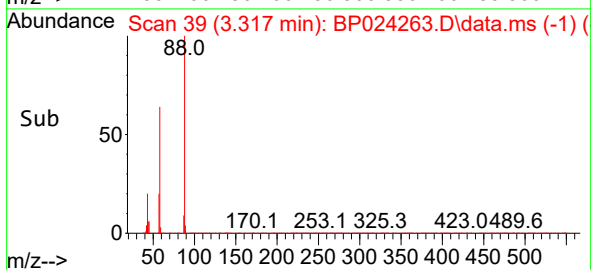
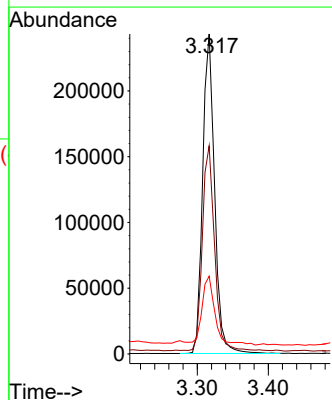
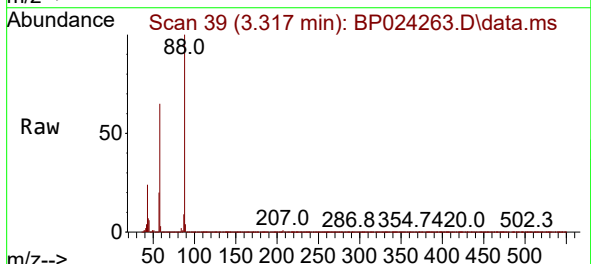
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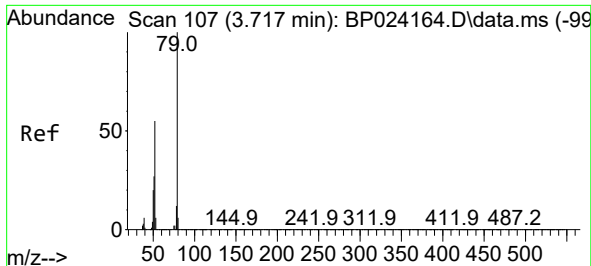
Tgt Ion:152 Resp: 270274
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 60.9 46.3 69.5



#2
1,4-Dioxane
Concen: 42.311 ng
RT: 3.317 min Scan# 39
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 88 Resp: 283969
Ion Ratio Lower Upper
88 100
58 65.4 49.8 74.6
43 23.6 17.3 25.9

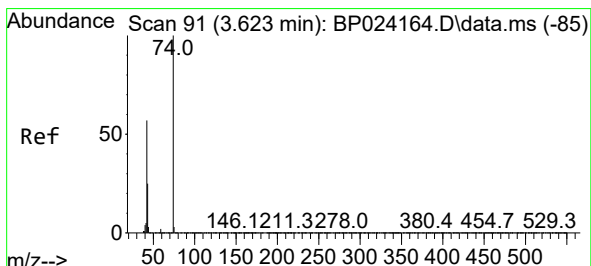
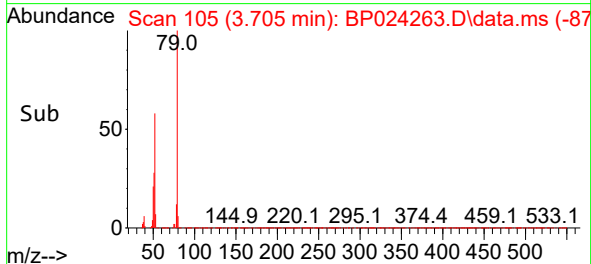
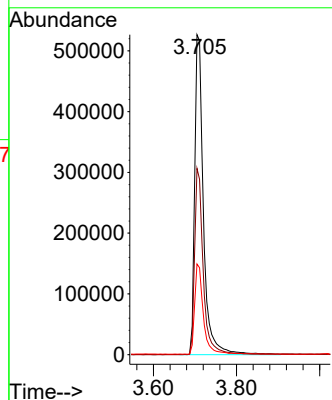
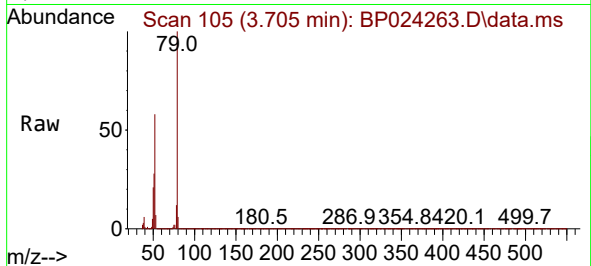




#3
Pyridine
Concen: 42.008 ng
RT: 3.705 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

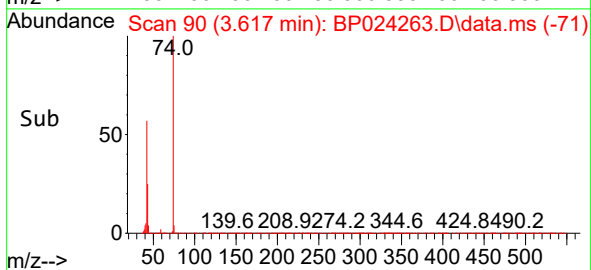
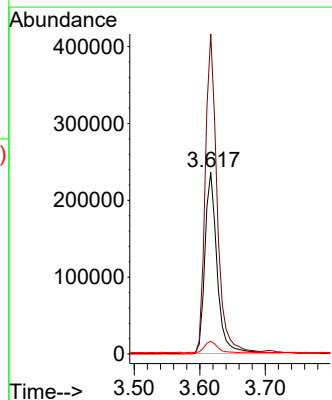
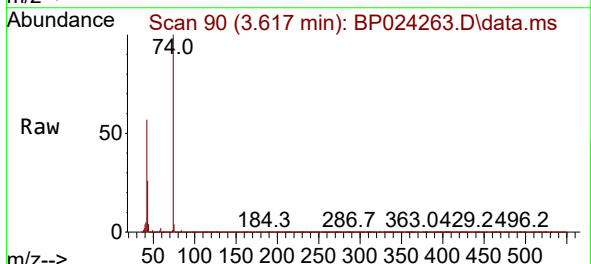
Instrument :
BNA_P
ClientSampleId :
PB167518BS

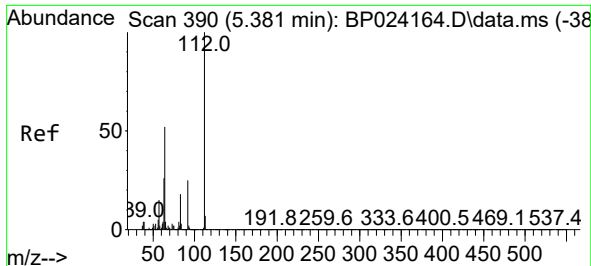
Tgt Ion: 79 Resp: 770741
Ion Ratio Lower Upper
79 100
52 58.2 43.8 65.8
51 28.4 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 50.047 ng
RT: 3.617 min Scan# 90
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 42 Resp: 306736
Ion Ratio Lower Upper
42 100
74 176.2 139.8 209.6
44 7.0 5.3 7.9

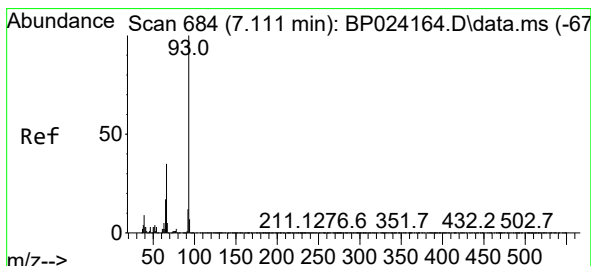
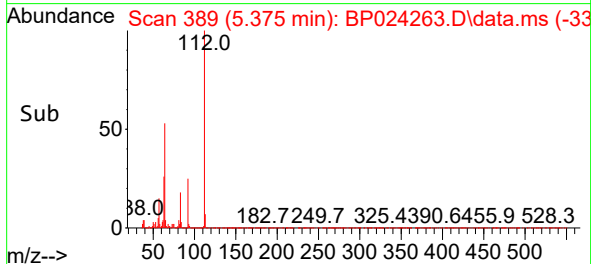
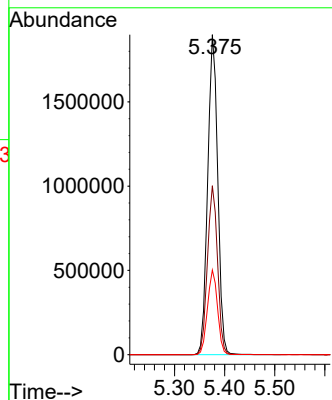
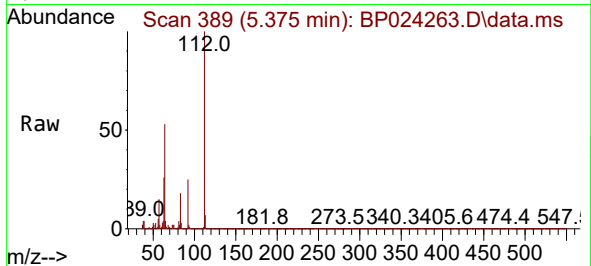




#5
2-Fluorophenol
Concen: 156.390 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.018 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

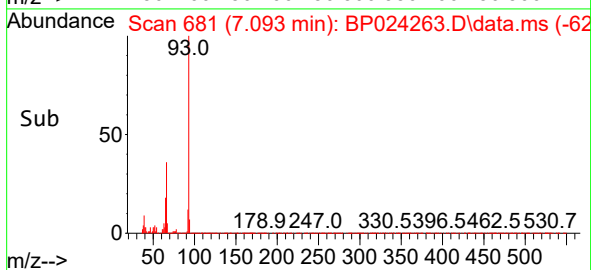
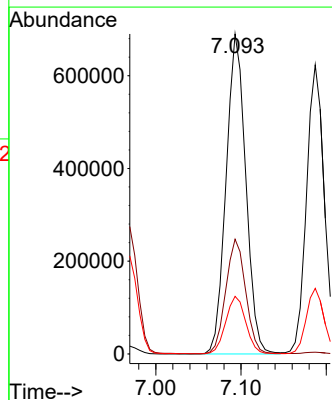
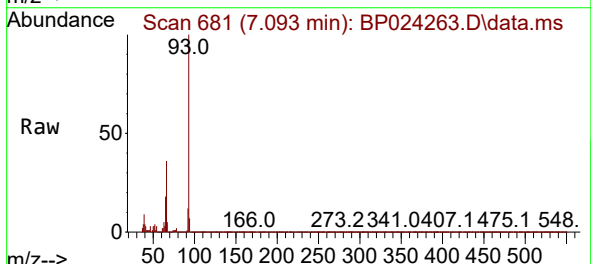
Instrument :
BNA_P
ClientSampleId :
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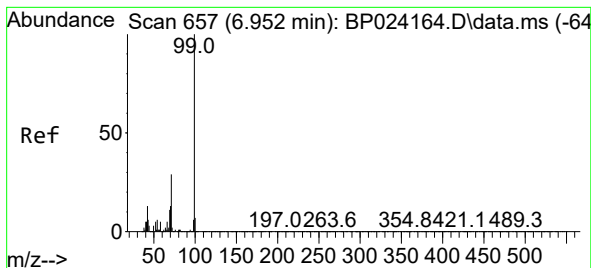
Tgt Ion:112 Resp: 2647916
Ion Ratio Lower Upper
112 100
64 52.8 41.3 61.9
63 26.4 20.6 31.0



#6
Aniline
Concen: 53.675 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 93 Resp: 1107245
Ion Ratio Lower Upper
93 100
66 35.9 28.2 42.2
65 18.0 14.0 21.0





#7

Phenol-d6

Concen: 146.355 ng

RT: 6.946 min Scan# 61

Delta R.T. 0.018 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

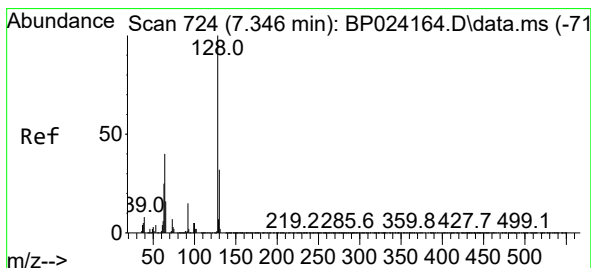
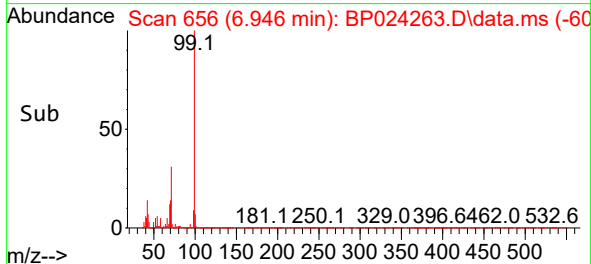
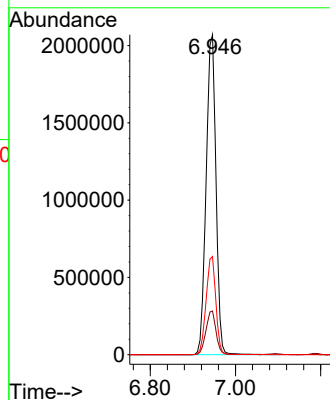
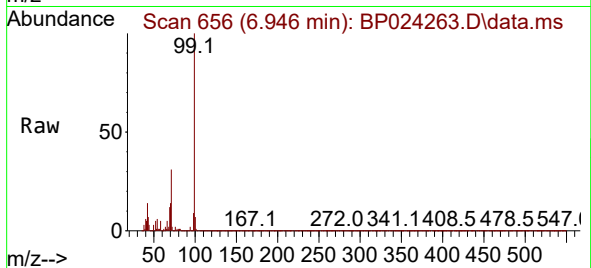
BNA_P

ClientSampleId :

PB167518BS

Tgt Ion: 99 Resp: 3313740

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	30.7	23.3	34.9



#8

2-Chlorophenol

Concen: 54.321 ng

RT: 7.328 min Scan# 721

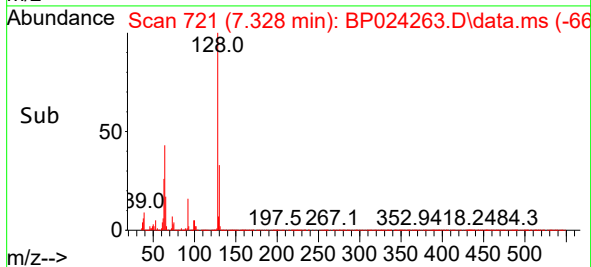
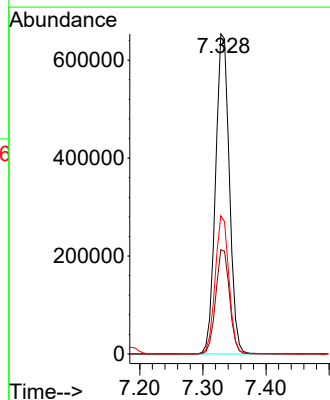
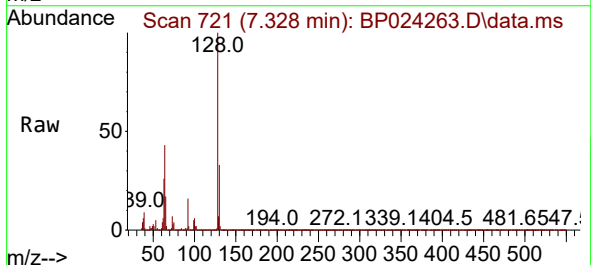
Delta R.T. 0.012 min

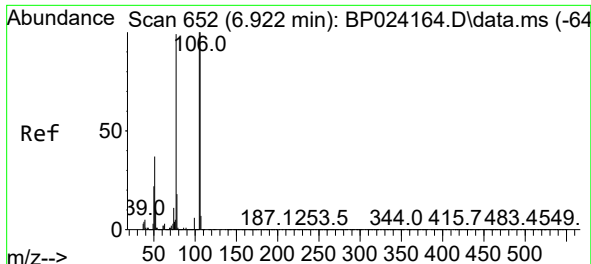
Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Tgt Ion:128 Resp: 993459

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	43.2	21.6	61.6

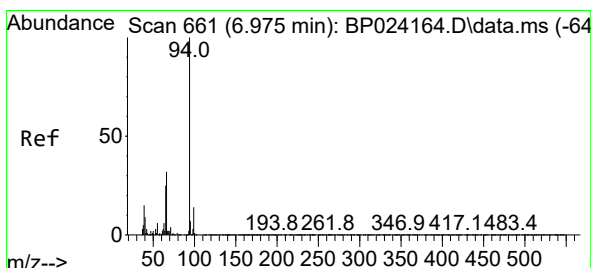
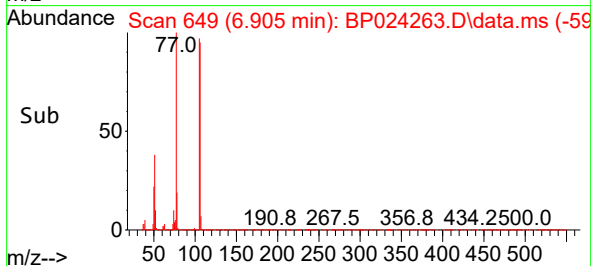
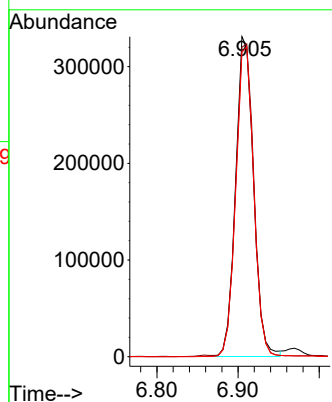
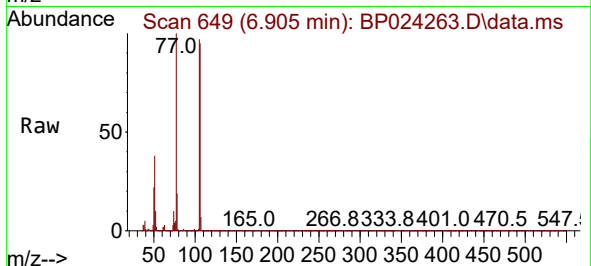




#9
Benzaldehyde
Concen: 46.312 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.006 min
Lab File: BP024263.D
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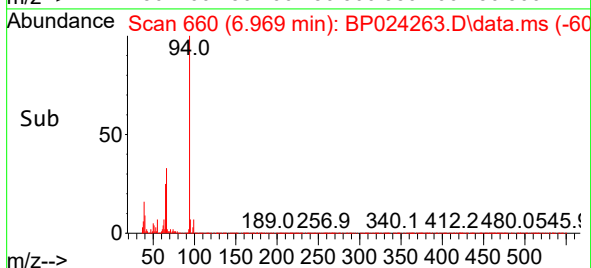
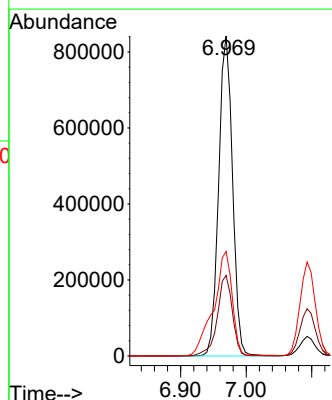
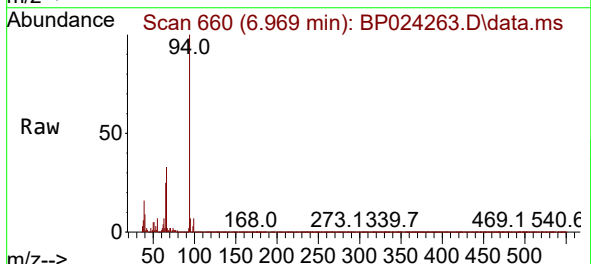
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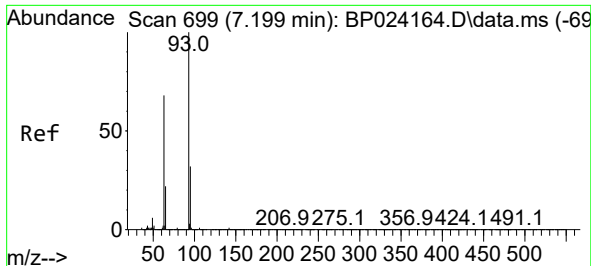
Tgt Ion: 77 Resp: 506030
Ion Ratio Lower Upper
77 100
105 96.7 81.4 121.4
106 95.1 81.1 121.1



#10
Phenol
Concen: 53.774 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 94 Resp: 1229117
Ion Ratio Lower Upper
94 100
65 25.2 4.9 44.9
66 32.7 11.9 51.9



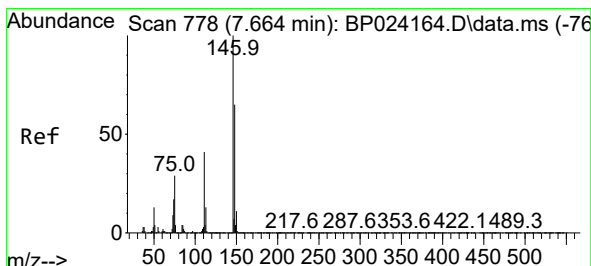
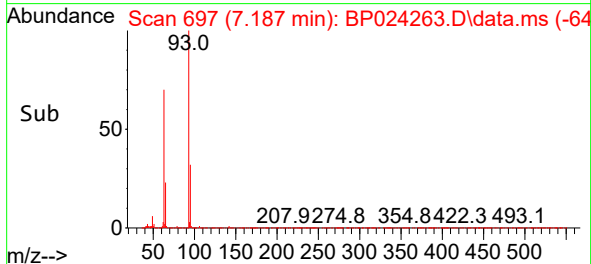
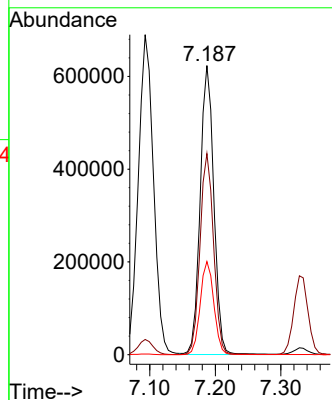
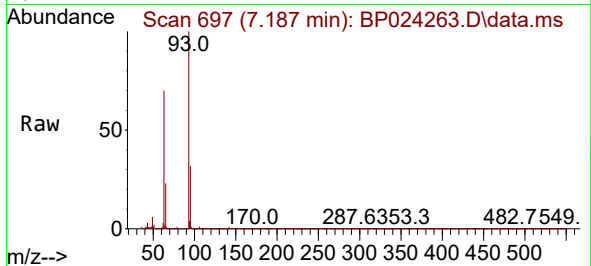


#11
bis(2-Chloroethyl)ether
Concen: 50.118 ng
RT: 7.187 min Scan# 699
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Instrument :
BNA_P
ClientSampleId :
PB167518BS

Tgt Ion: 93 Resp: 903376

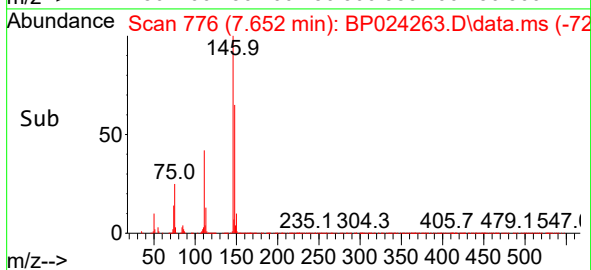
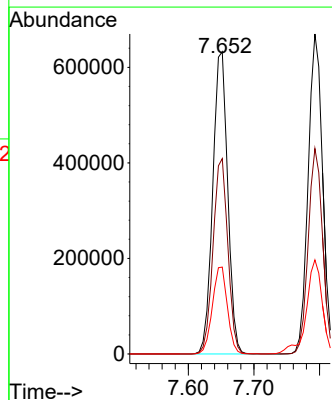
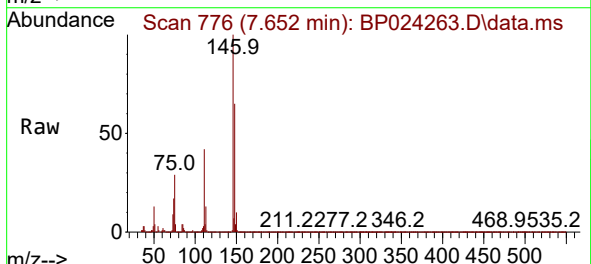
Ion	Ratio	Lower	Upper
93	100		
63	69.6	47.4	87.4
95	32.2	12.1	52.1

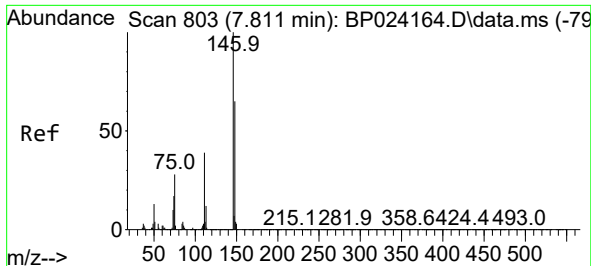


#12
1,3-Dichlorobenzene
Concen: 50.746 ng
RT: 7.652 min Scan# 776
Delta R.T. 0.018 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 146 Resp: 1000806

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.7	22.8	34.2

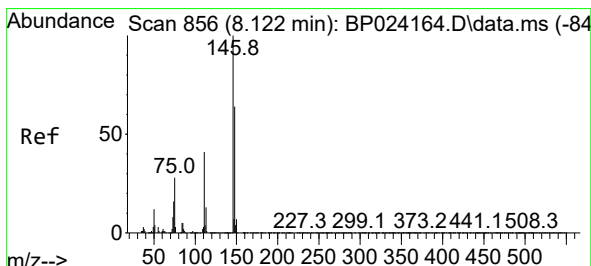
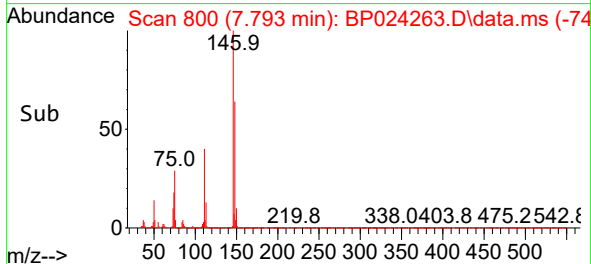
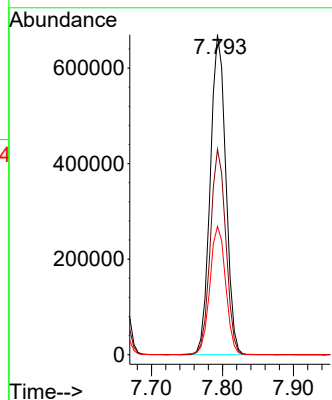
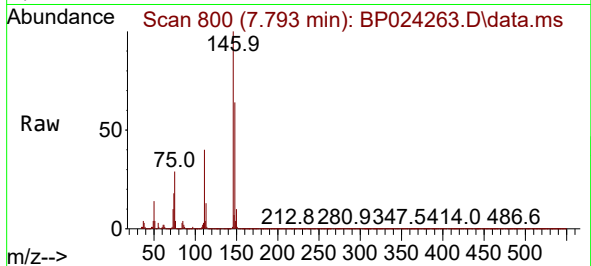




#13
1,4-Dichlorobenzene
Concen: 50.562 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

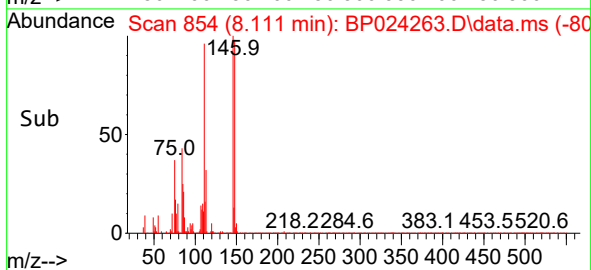
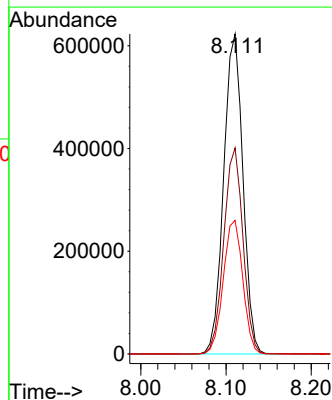
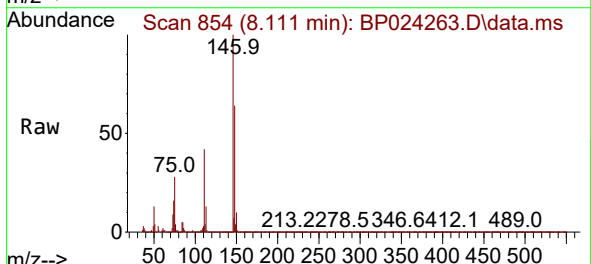
Instrument :
BNA_P
ClientSampleId :
PB167518BS

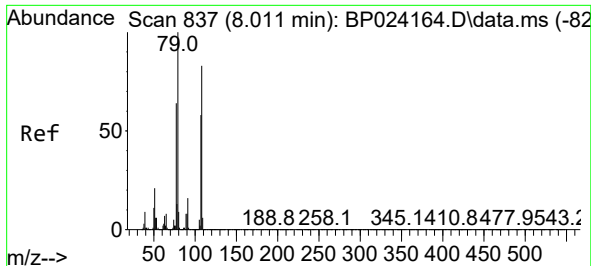
Tgt Ion:146 Resp: 1018152
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 40.1 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 50.652 ng
RT: 8.111 min Scan# 854
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:146 Resp: 978773
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 41.7 33.2 49.8

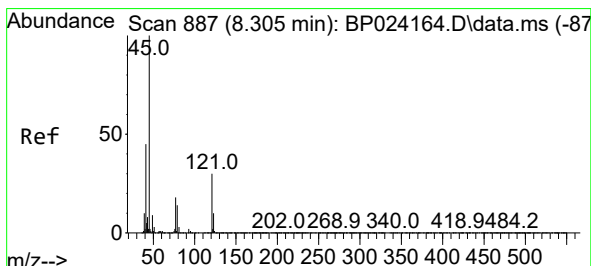
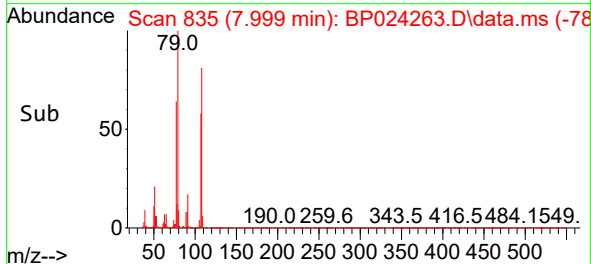
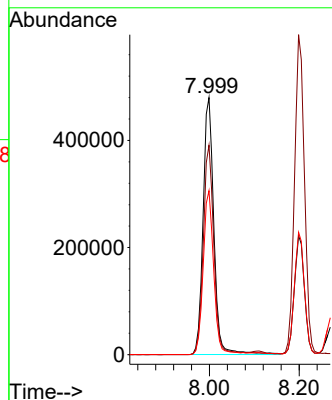
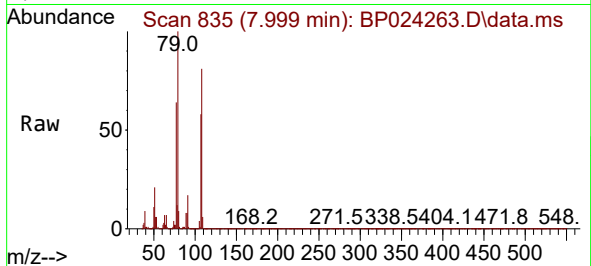




#15
Benzyl Alcohol
Concen: 55.947 ng
RT: 7.999 min Scan# 81
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

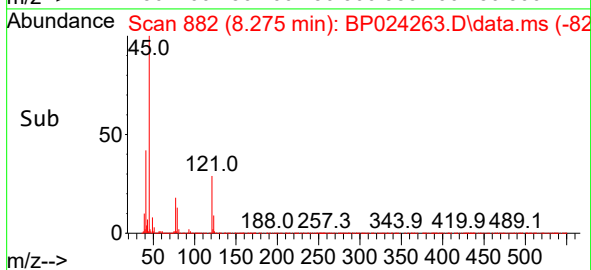
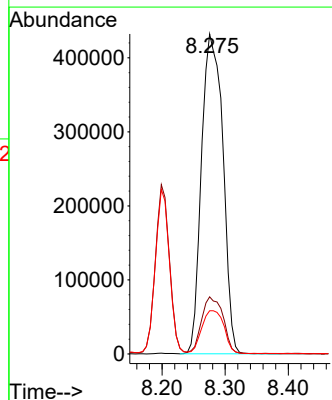
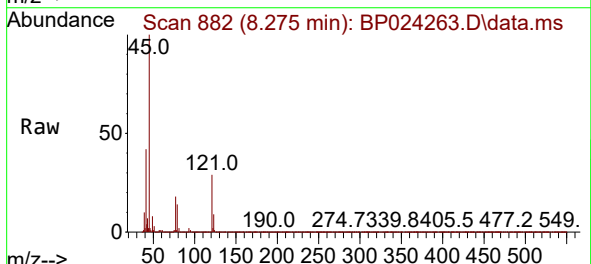
Instrument :
BNA_P
ClientSampleId :
PB167518BS

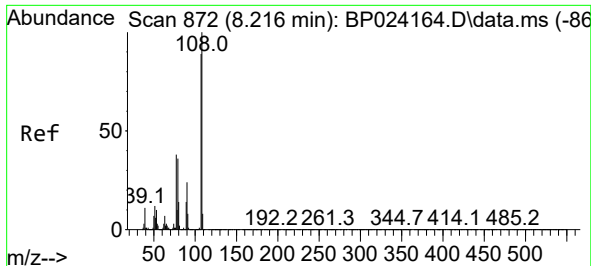
Tgt Ion: 79 Resp: 801972
Ion Ratio Lower Upper
79 100
108 81.4 66.5 99.7
77 63.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.042 ng
RT: 8.275 min Scan# 882
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 45 Resp: 1012596
Ion Ratio Lower Upper
45 100
77 17.9 0.0 39.0
79 13.5 0.0 35.6

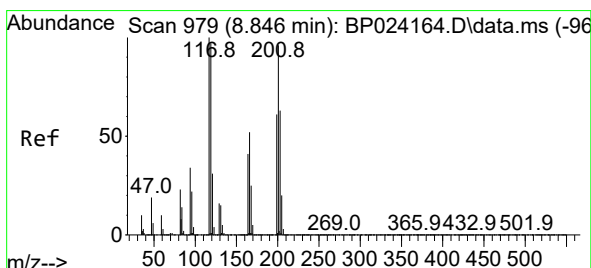
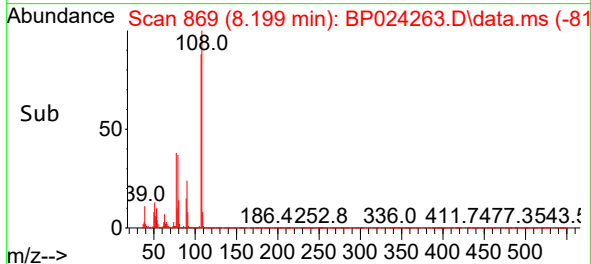
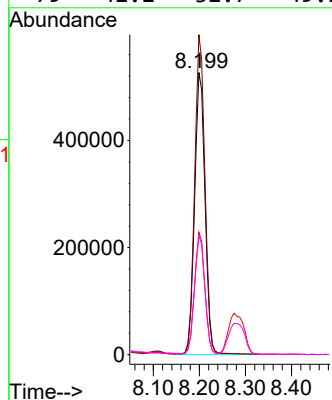
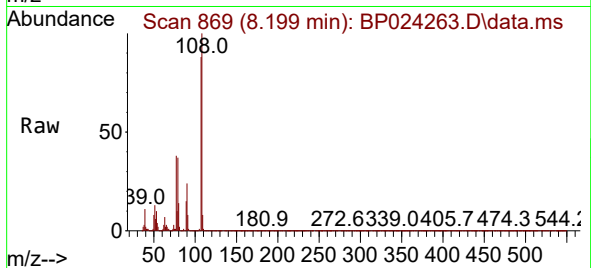




#17
2-Methylphenol
Concen: 57.506 ng
RT: 8.199 min Scan# 80
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

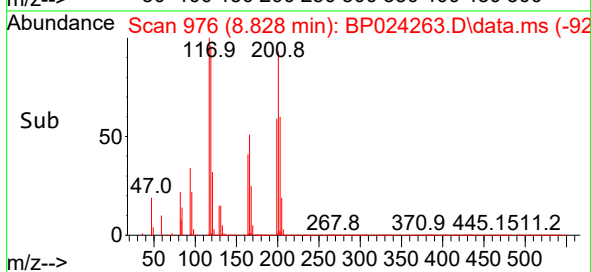
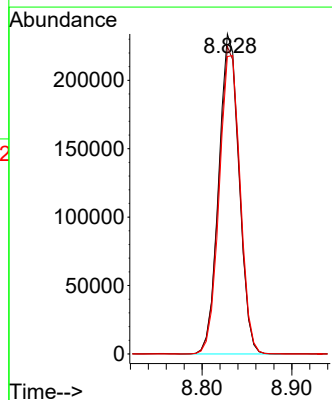
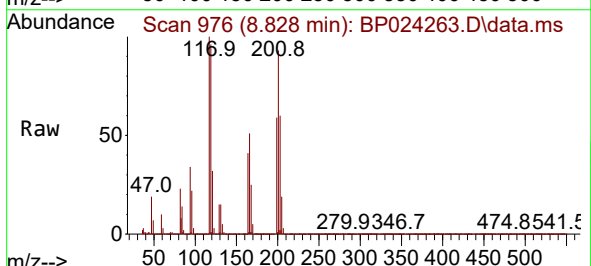
Instrument :
BNA_P
ClientSampleId :
PB167518BS

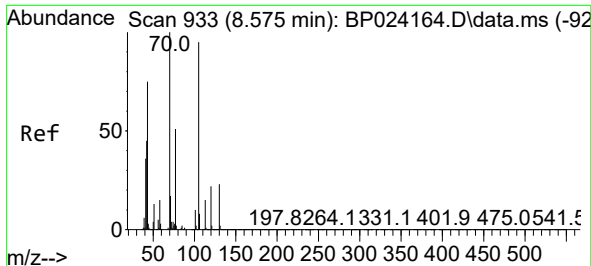
Tgt Ion:	107	Resp:	824242
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.0	135.0
77	43.4	34.0	51.0
79	42.2	32.7	49.1



#18
Hexachloroethane
Concen: 51.781 ng
RT: 8.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

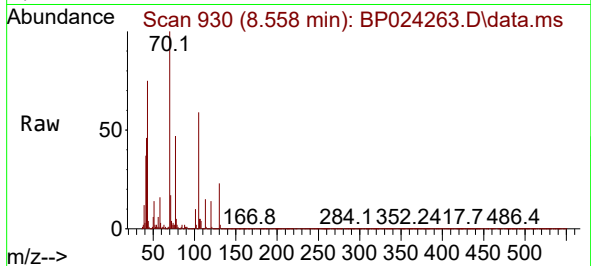
Tgt Ion:	117	Resp:	369928
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	92.9	76.6	114.8



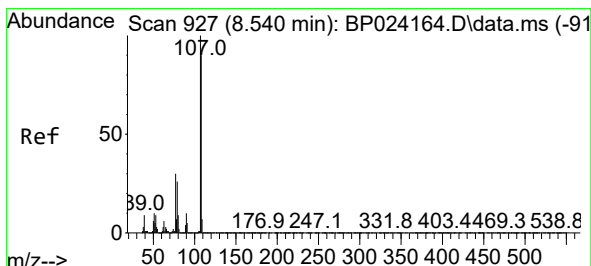
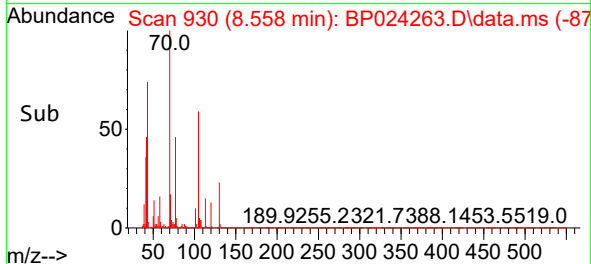
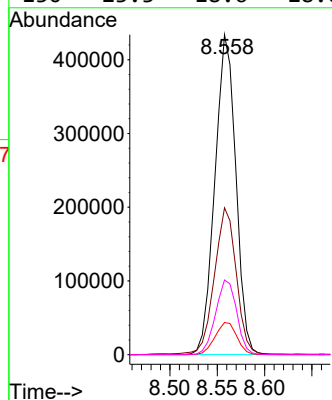


#19
n-Nitroso-di-n-propylamine
Concen: 50.801 ng
RT: 8.558 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Instrument :
BNA_P
ClientSampleId :
PB167518BS

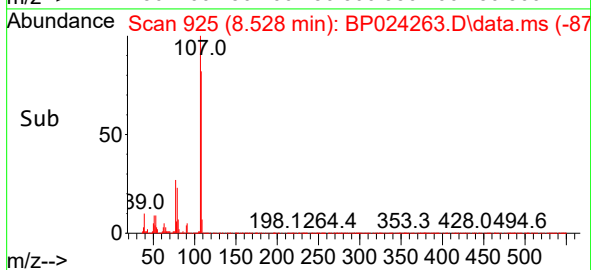
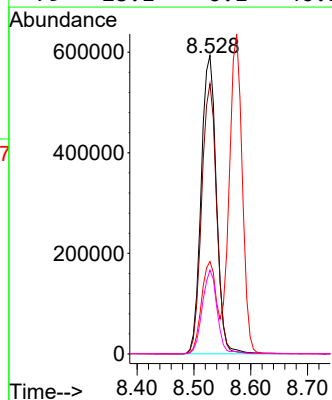
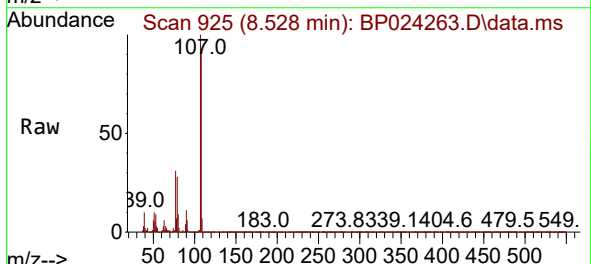


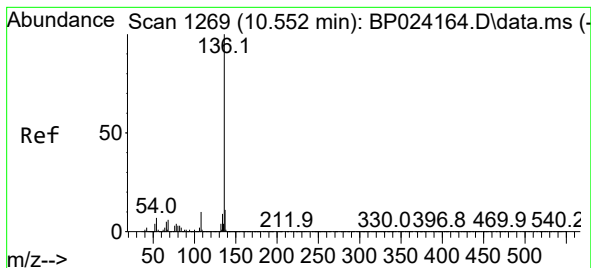
Tgt Ion: 70 Resp: 667299
Ion Ratio Lower Upper
70 100
42 45.9 36.0 54.0
101 10.0 8.3 12.5
130 23.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 56.061 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 107 Resp: 1103931
Ion Ratio Lower Upper
107 100
108 90.5 69.7 109.7
77 31.0 10.3 50.3
79 28.1 6.1 46.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.540 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

Tgt Ion:136 Resp: 1101814

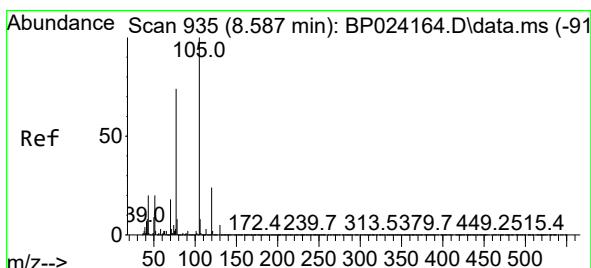
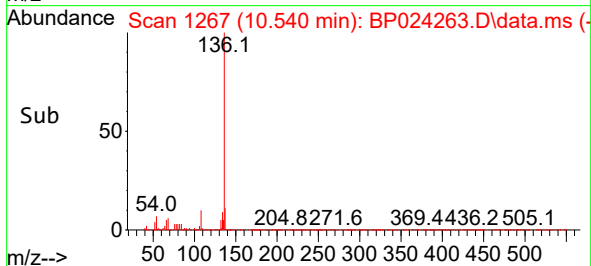
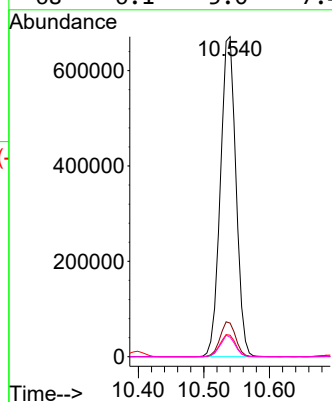
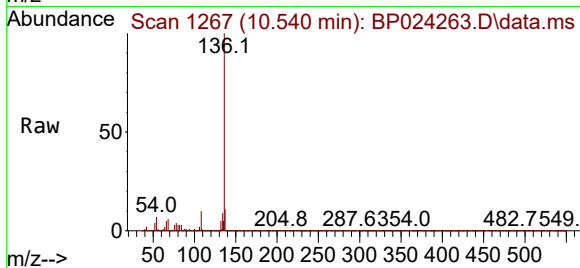
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.7 5.3 7.9

68 6.1 5.0 7.4



#22

Acetophenone

Concen: 49.002 ng

RT: 8.575 min Scan# 933

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Tgt Ion:105 Resp: 1365006

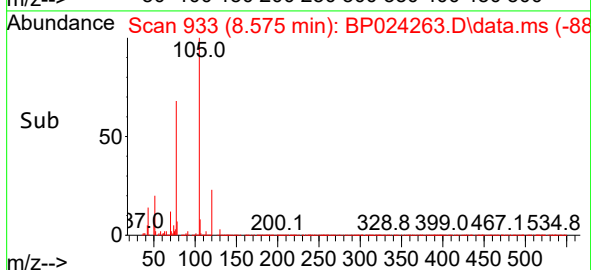
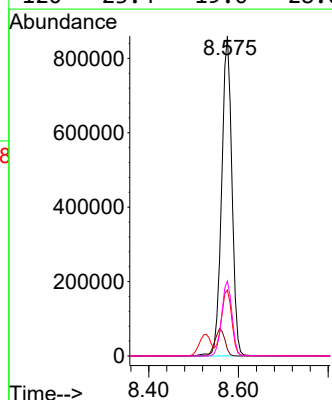
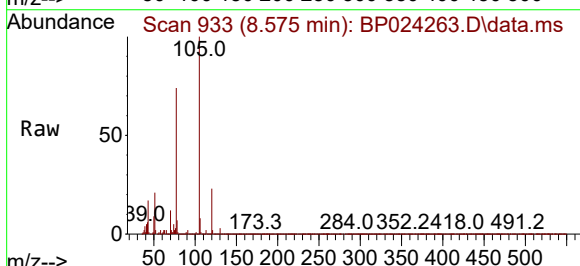
Ion Ratio Lower Upper

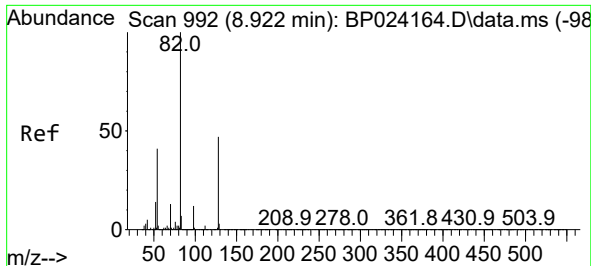
105 100

71 2.0 2.4 3.6#

51 20.6 16.2 24.2

120 23.4 19.0 28.6





#23

Nitrobenzene-d5

Concen: 99.441 ng

RT: 8.911 min Scan# 990

Delta R.T. 0.018 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

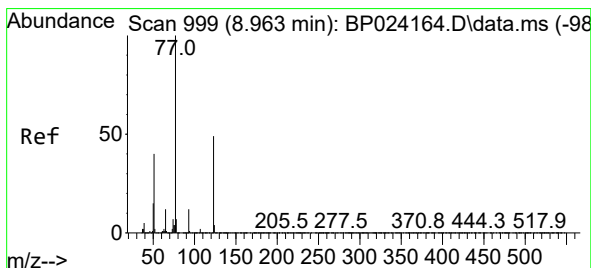
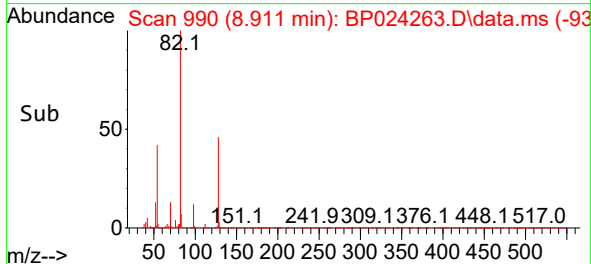
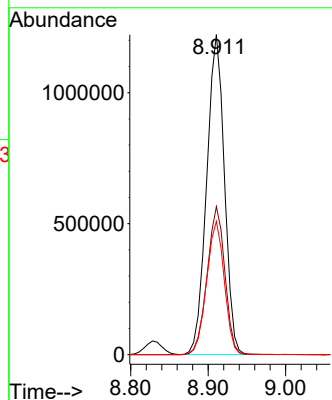
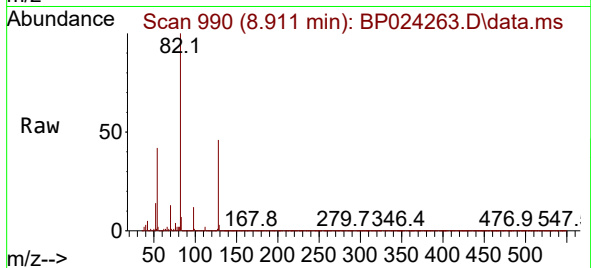
BNA_P

ClientSampleId :

PB167518BS

Tgt Ion: 82 Resp: 1941924

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.0
54	41.6	32.5	48.7



#24

Nitrobenzene

Concen: 52.037 ng

RT: 8.952 min Scan# 997

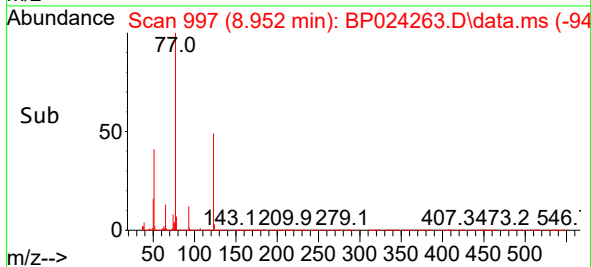
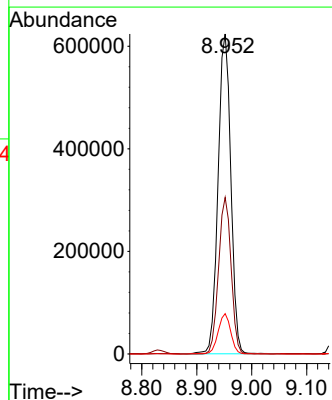
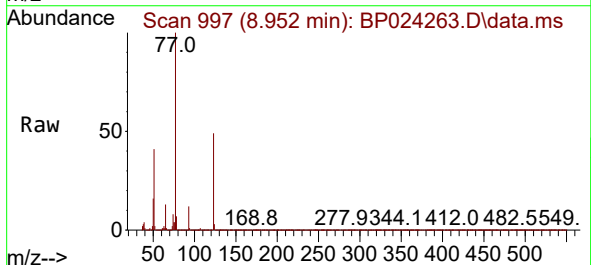
Delta R.T. 0.018 min

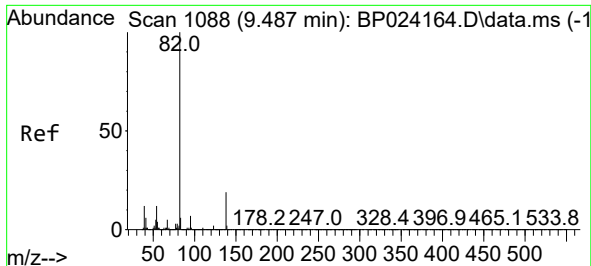
Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Tgt Ion: 77 Resp: 1002486

Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.4	59.2
65	12.6	9.9	14.9

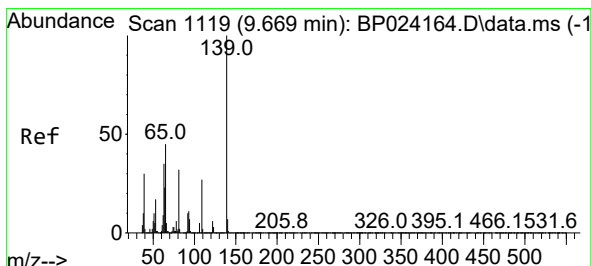
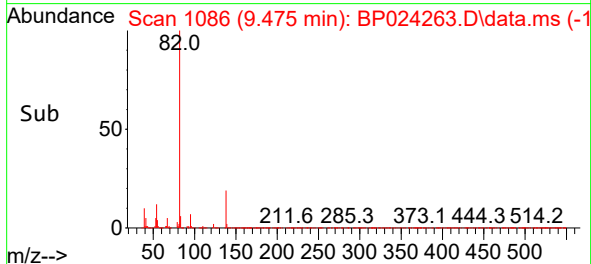
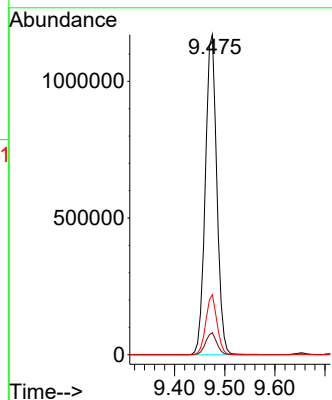
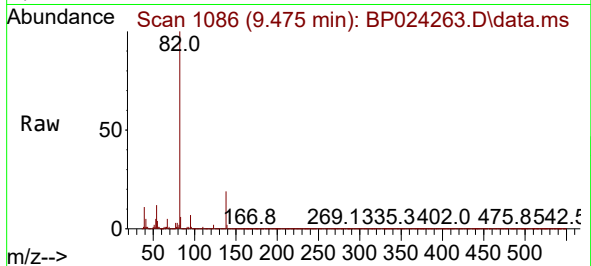




#25
Isophorone
Concen: 55.704 ng
RT: 9.475 min Scan# 1088
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

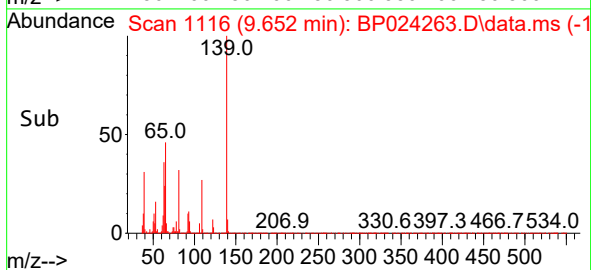
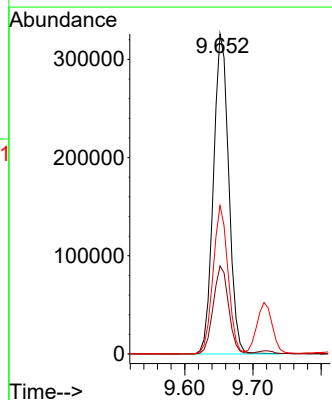
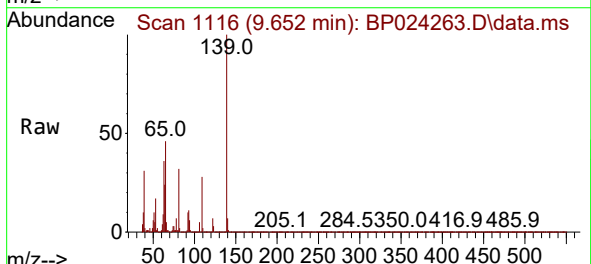
Instrument :
BNA_P
ClientSampleId :
PB167518BS

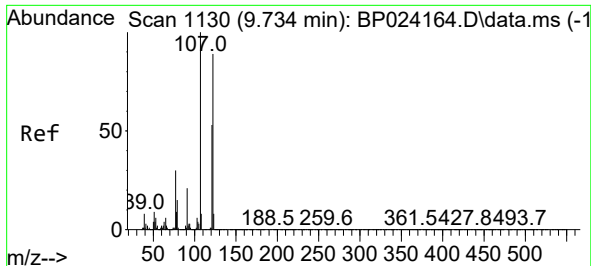
Tgt Ion: 82 Resp: 1864710
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 18.8 14.8 22.2



#26
2-Nitrophenol
Concen: 55.387 ng
RT: 9.652 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:139 Resp: 509675
Ion Ratio Lower Upper
139 100
109 27.5 21.7 32.5
65 46.3 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 76.080 ng

RT: 9.716 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

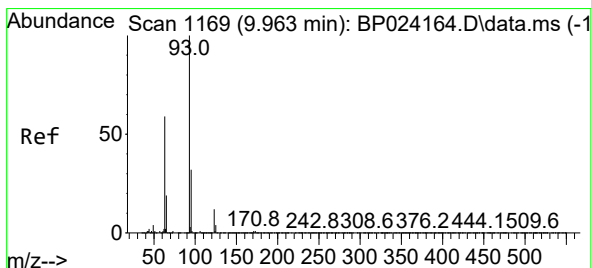
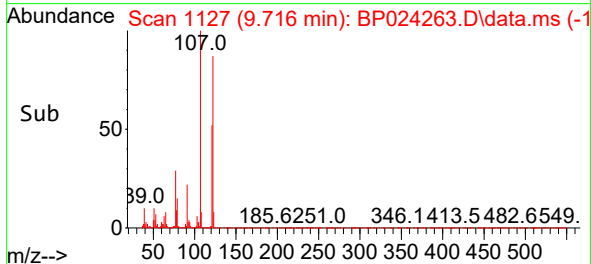
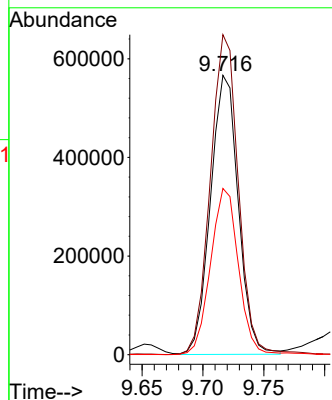
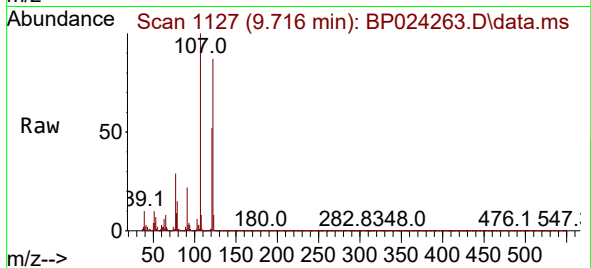
Tgt Ion:122 Resp: 900234

Ion Ratio Lower Upper

122 100

107 114.6 89.3 133.9

121 59.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 51.373 ng

RT: 9.946 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

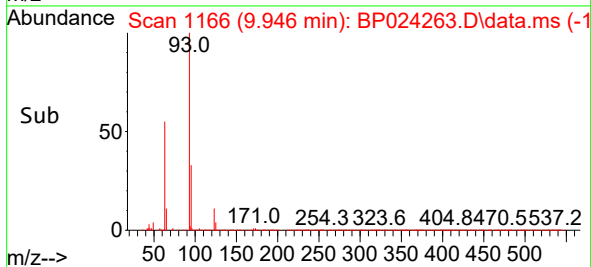
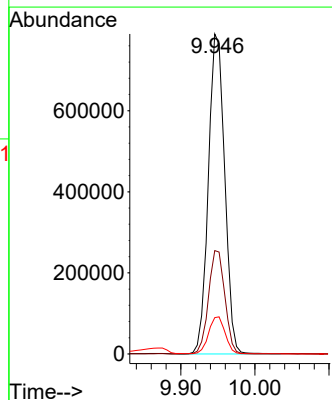
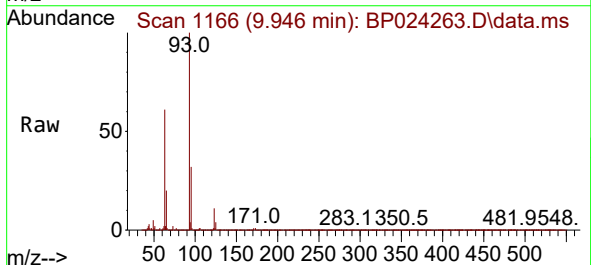
Tgt Ion: 93 Resp: 1209828

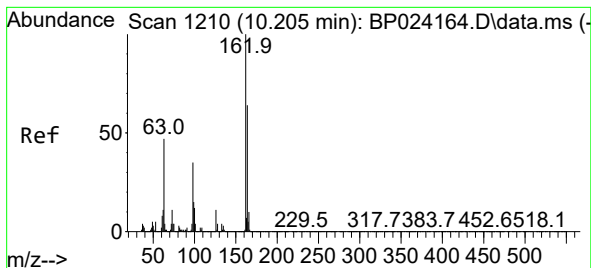
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 54.525 ng

RT: 10.193 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

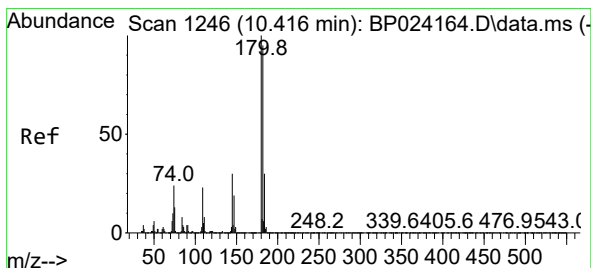
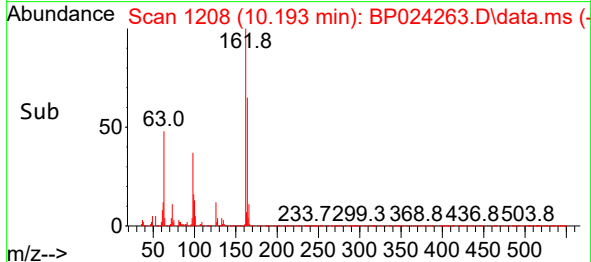
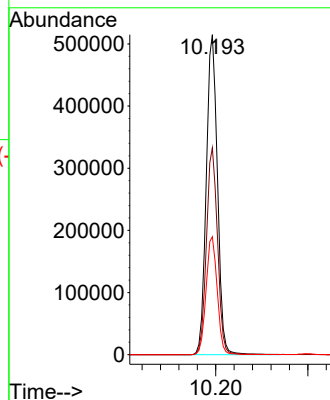
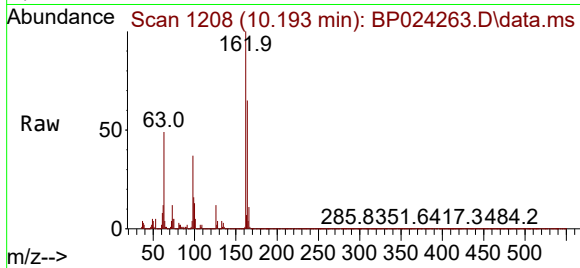
Tgt Ion:162 Resp: 872786

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

98 36.9 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 50.073 ng

RT: 10.399 min Scan# 1243

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

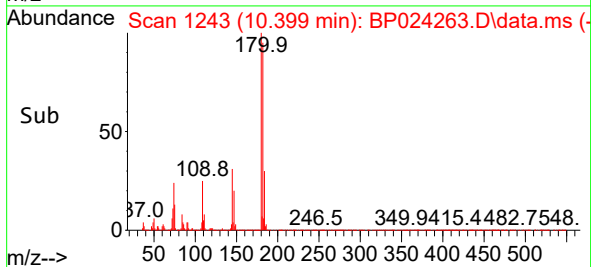
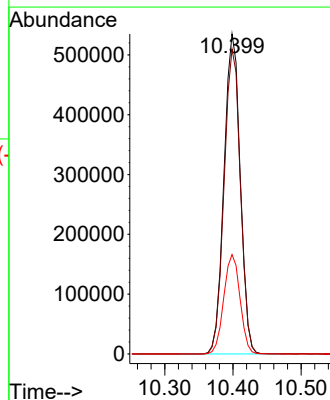
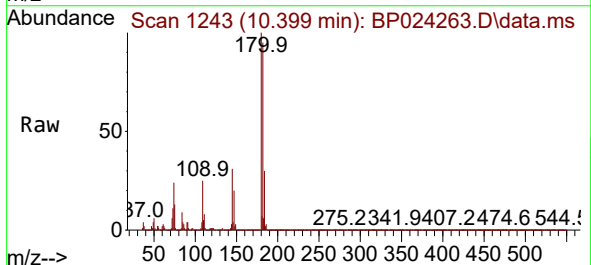
Tgt Ion:180 Resp: 885541

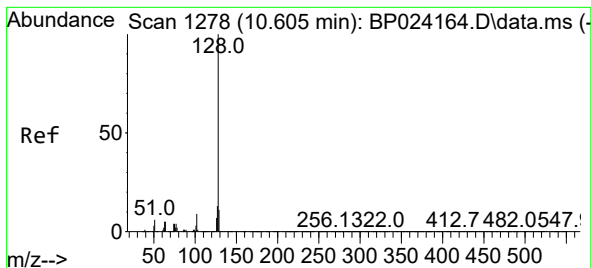
Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 31.0 24.2 36.2

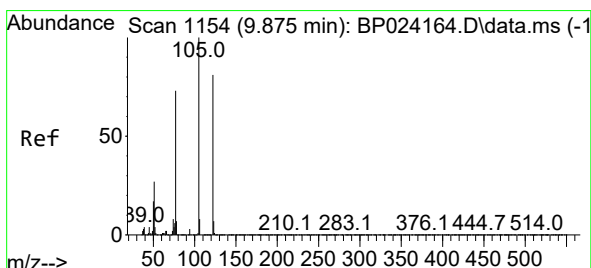
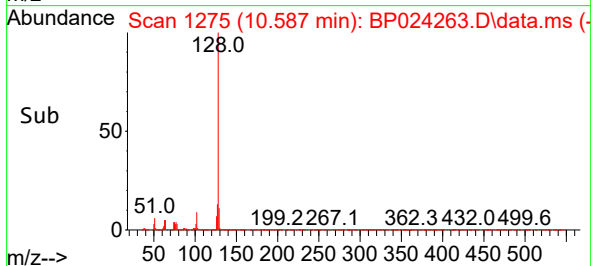
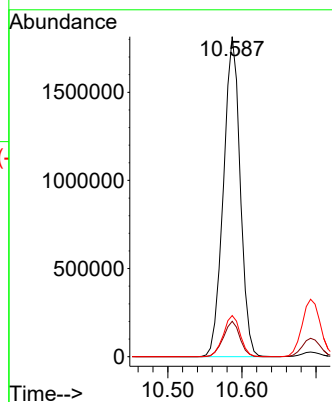
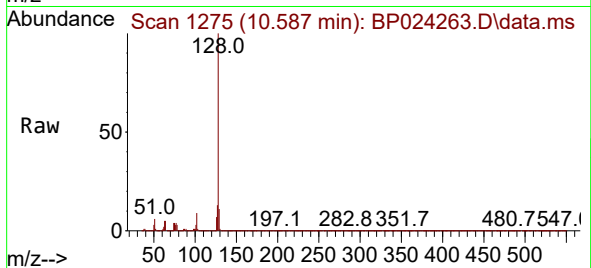




#31
Naphthalene
Concen: 48.745 ng
RT: 10.587 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

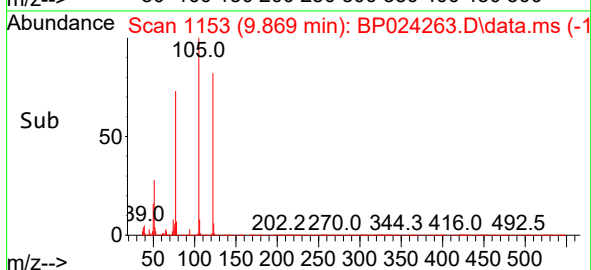
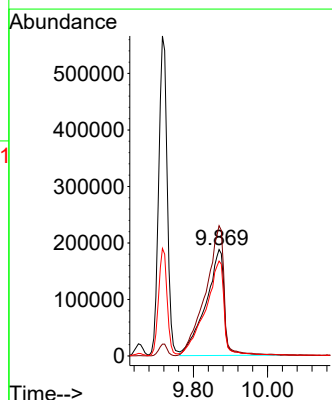
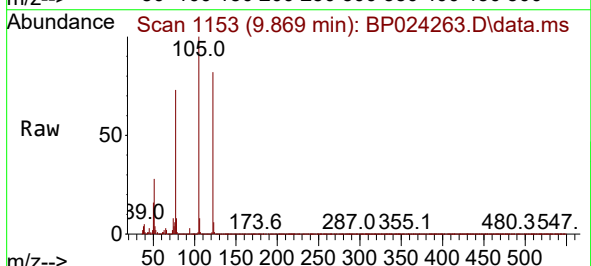
Instrument :
BNA_P
ClientSampleId :
PB167518BS

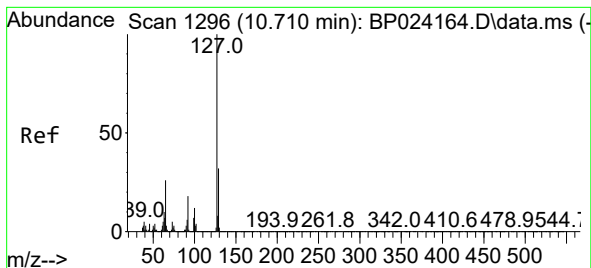
Tgt Ion:128 Resp: 2846994
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 56.649 ng
RT: 9.869 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:122 Resp: 653738
Ion Ratio Lower Upper
122 100
105 122.4 100.3 140.3
77 89.1 69.1 109.1





#33

4-Chloroaniline

Concen: 27.154 ng

RT: 10.693 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

Tgt Ion:127 Resp: 567563

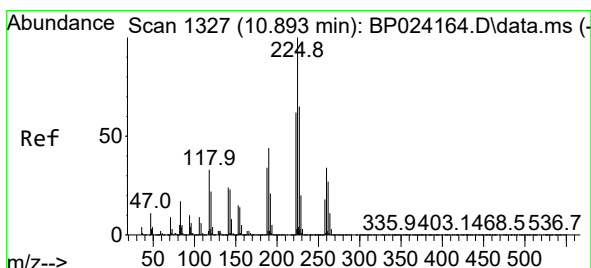
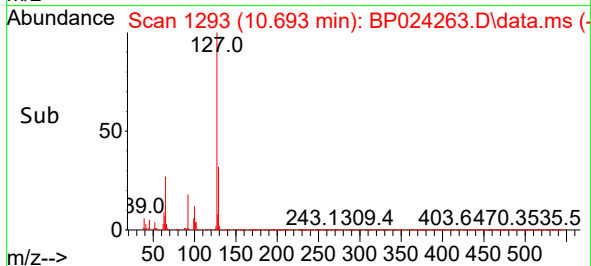
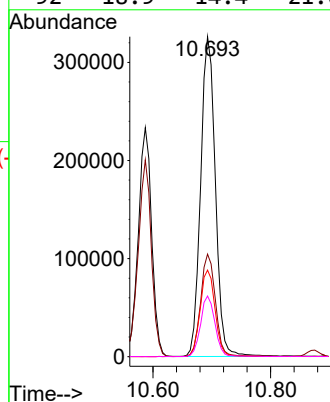
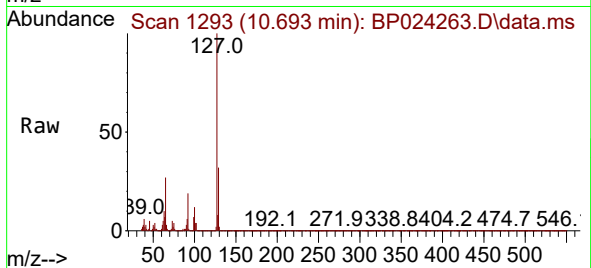
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.6

65 27.0 21.2 31.8

92 18.9 14.4 21.6



#34

Hexachlorobutadiene

Concen: 51.094 ng

RT: 10.875 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

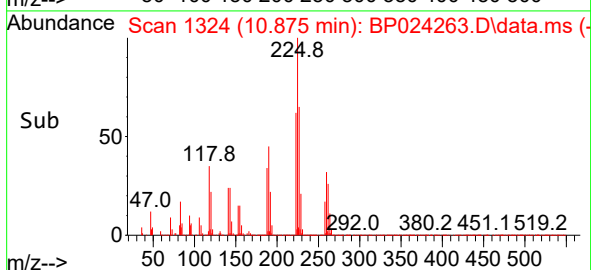
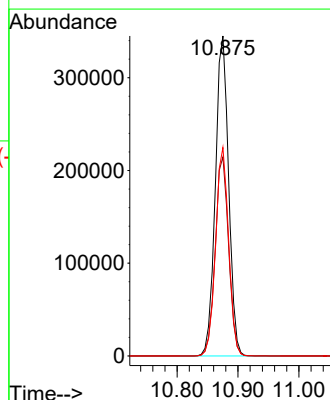
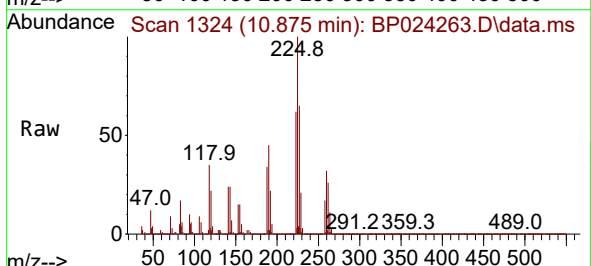
Tgt Ion:225 Resp: 520040

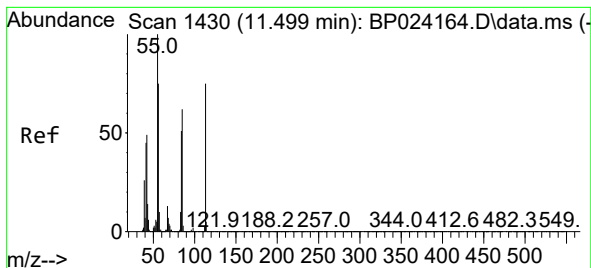
Ion Ratio Lower Upper

225 100

223 62.2 49.9 74.9

227 65.2 52.2 78.2

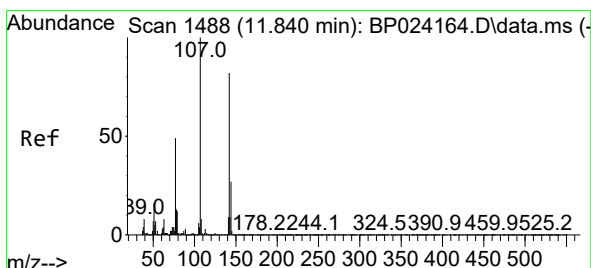
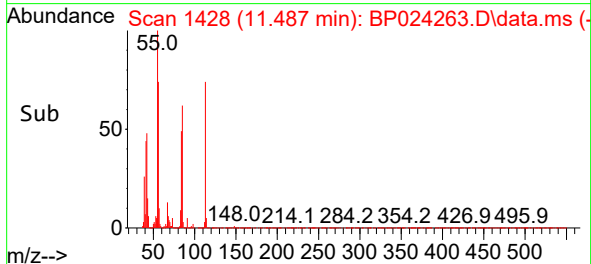
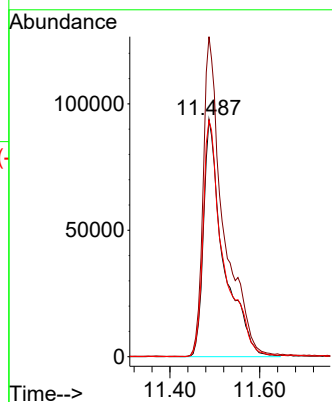
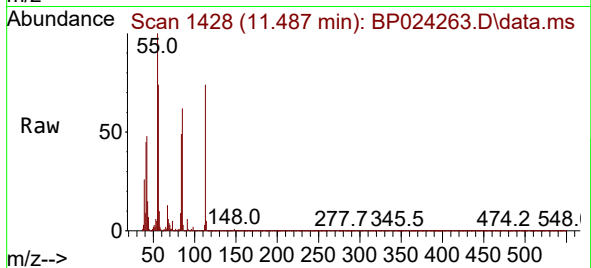




#35
Caprolactam
Concen: 55.163 ng
RT: 11.487 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

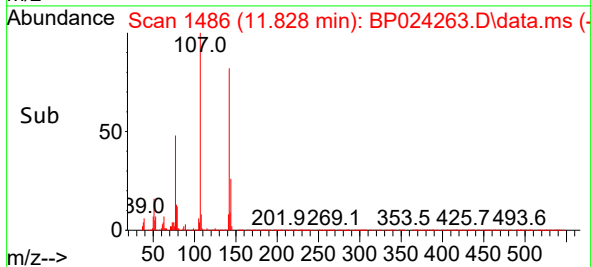
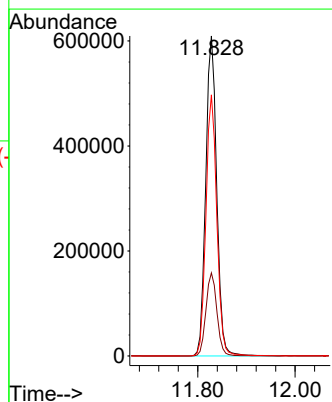
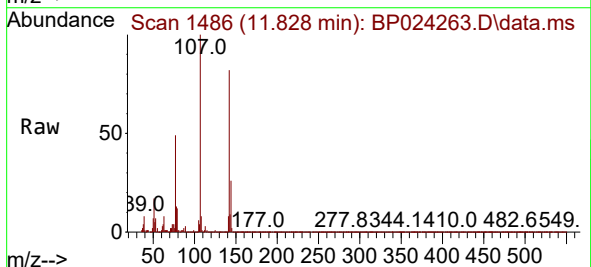
Instrument :
BNA_P
ClientSampleId :
PB167518BS

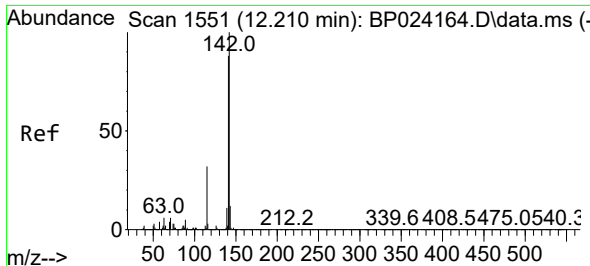
Tgt Ion:113 Resp: 289393
Ion Ratio Lower Upper
113 100
55 134.9 113.6 153.6
56 99.6 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 54.958 ng
RT: 11.828 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:107 Resp: 949008
Ion Ratio Lower Upper
107 100
144 25.9 21.6 32.4
142 81.6 65.4 98.0

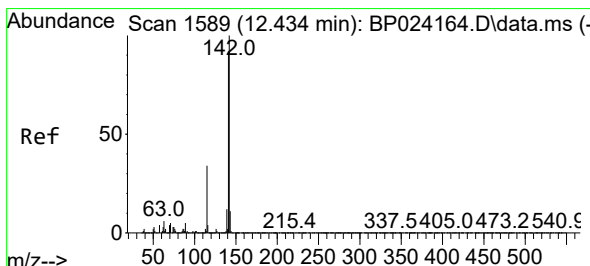
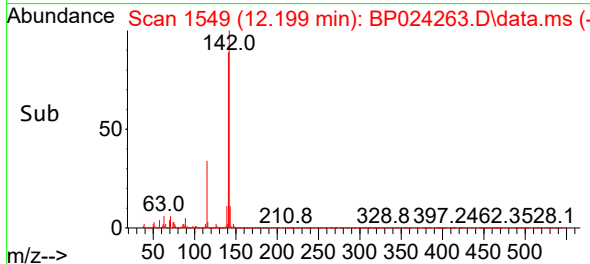
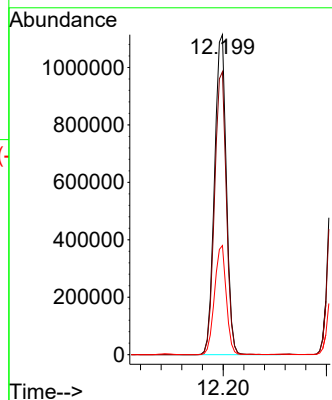
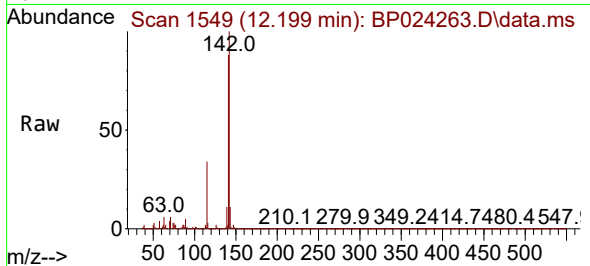




#37
2-Methylnaphthalene
Concen: 44.814 ng
RT: 12.199 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

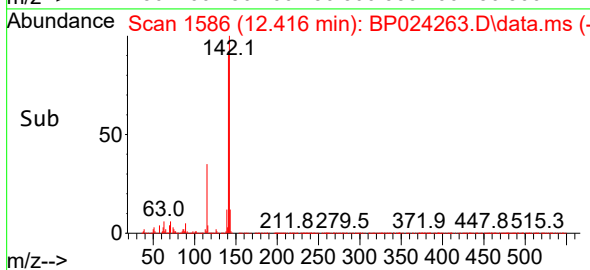
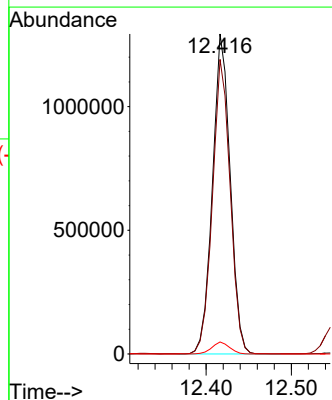
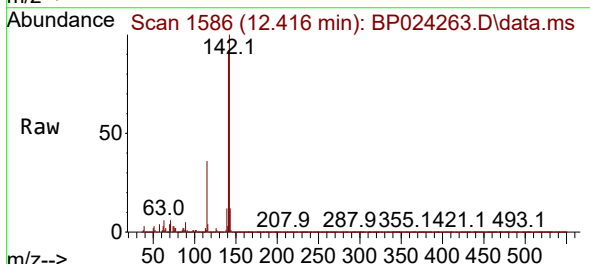
Instrument :
BNA_P
ClientSampleId :
PB167518BS

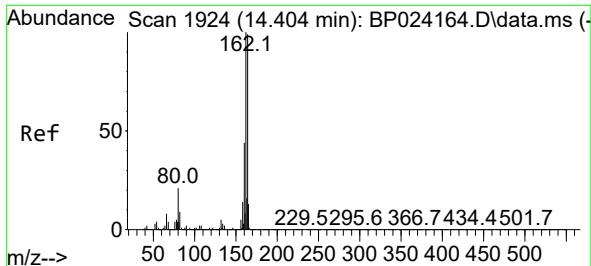
Tgt Ion:142 Resp: 1768232
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 34.1 26.0 39.0



#38
1-Methylnaphthalene
Concen: 48.796 ng
RT: 12.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:142 Resp: 1872679
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9
116 3.7 2.8 4.2

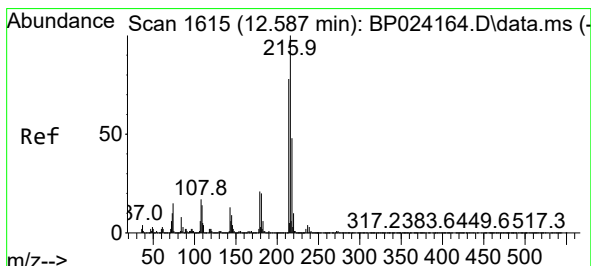
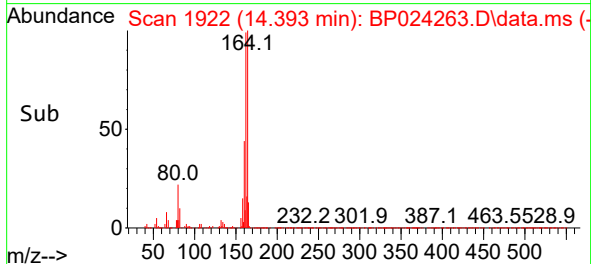
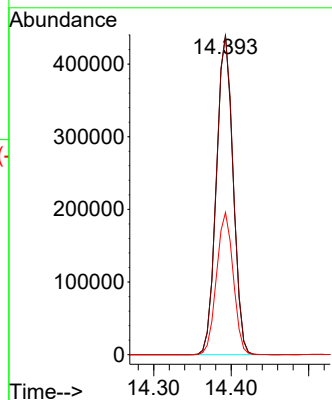
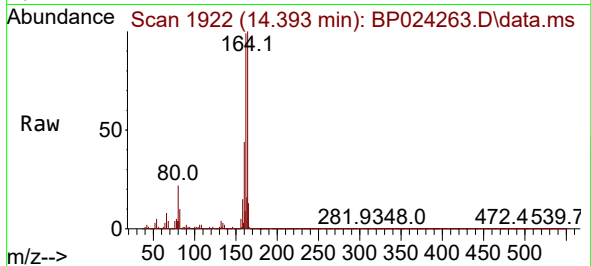




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

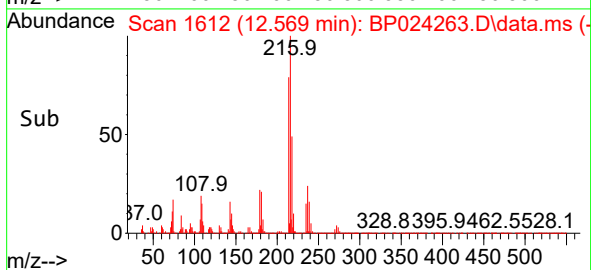
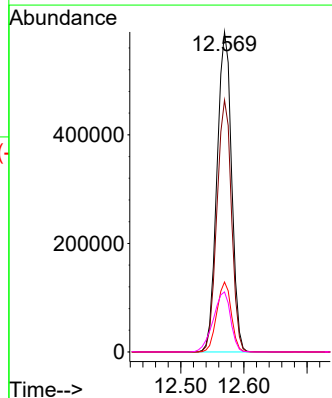
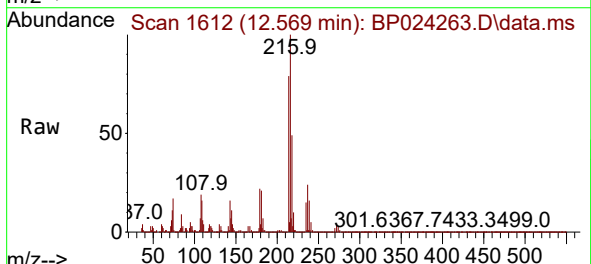
Instrument :
BNA_P
ClientSampleId :
PB167518BS

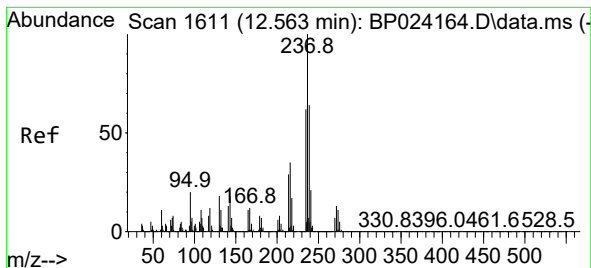
Tgt Ion:164 Resp: 656088
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.926 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:216 Resp: 946884
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 21.7 16.8 25.2
108 22.3 14.7 22.1#

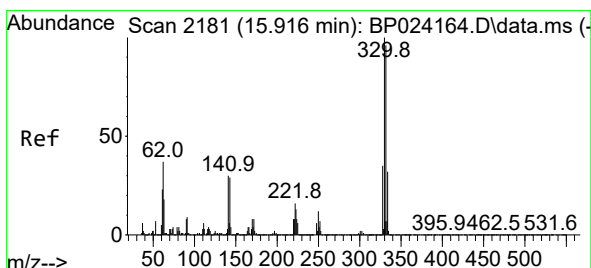
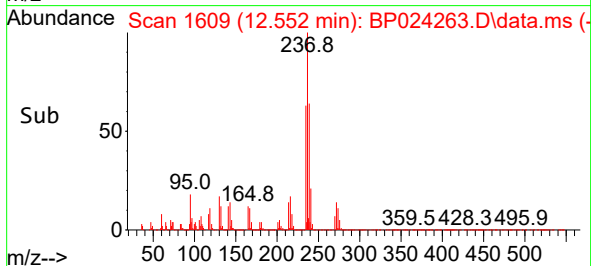
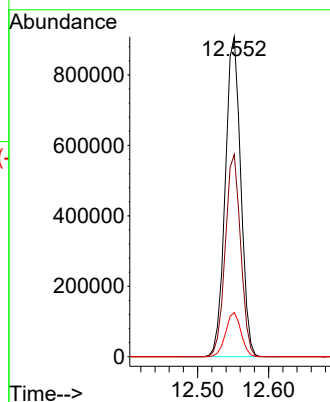
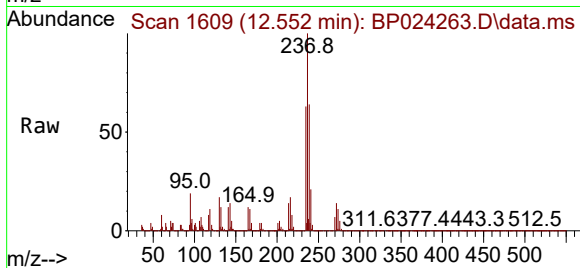




#41
Hexachlorocyclopentadiene
Concen: 200.543 ng
RT: 12.552 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

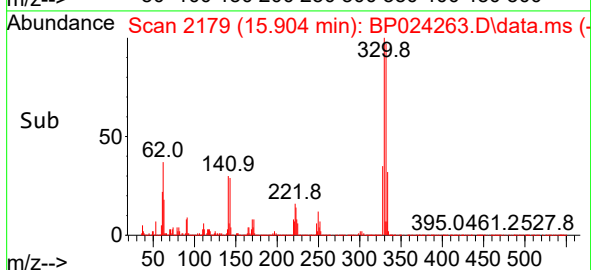
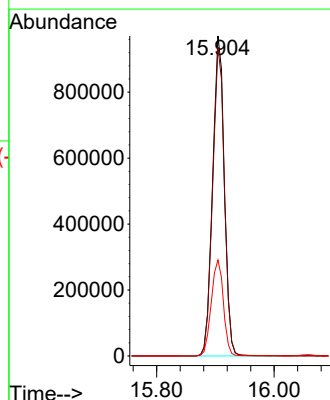
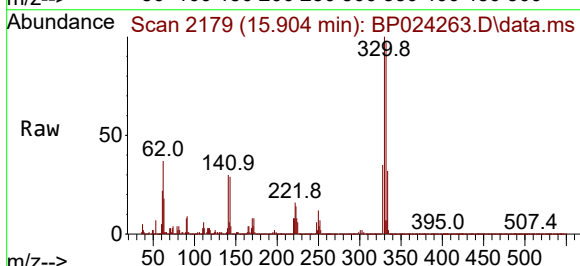
Instrument :
BNA_P
ClientSampleId :
PB167518BS

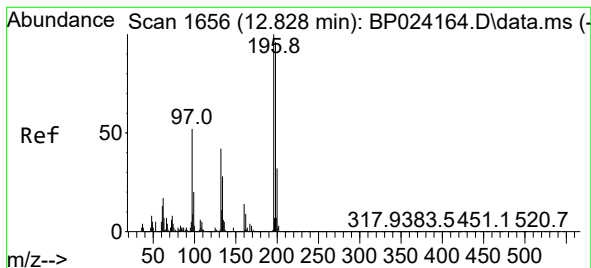
Tgt Ion:237 Resp: 1371000
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 162.502 ng
RT: 15.904 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:330 Resp: 1342960
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 30.9 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 55.732 ng

RT: 12.816 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

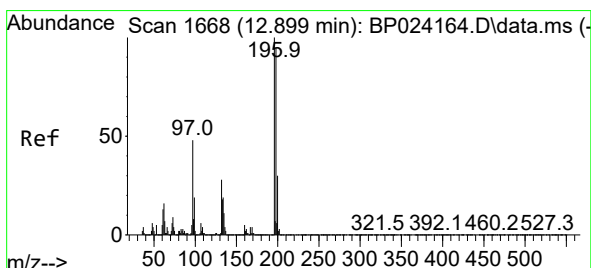
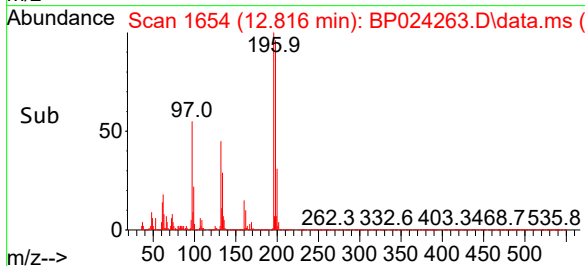
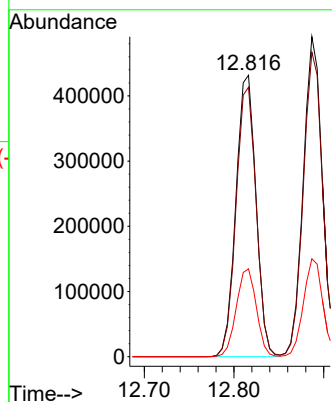
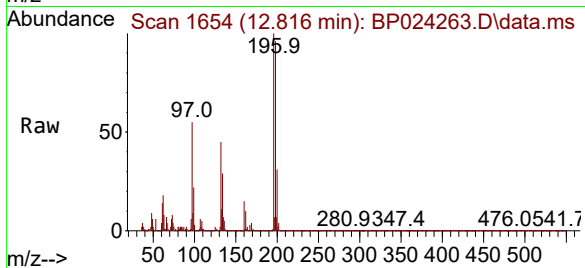
Tgt Ion:196 Resp: 671738

Ion Ratio Lower Upper

196 100

198 95.7 76.6 115.0

200 31.2 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 55.009 ng

RT: 12.887 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Tgt Ion:196 Resp: 727122

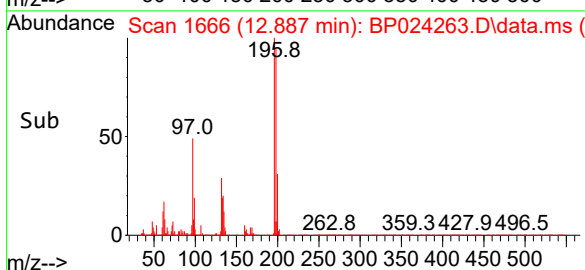
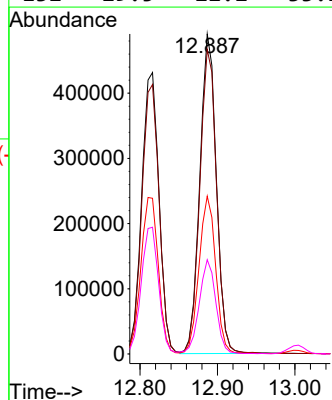
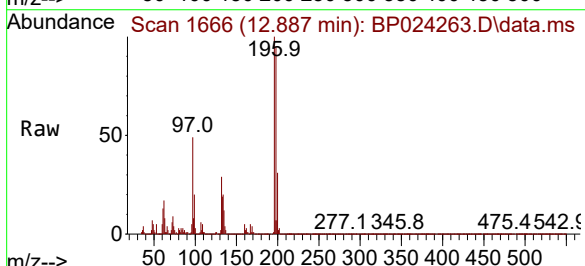
Ion Ratio Lower Upper

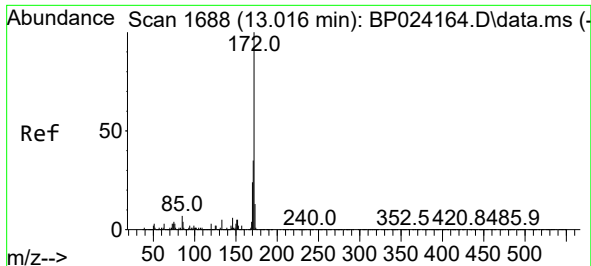
196 100

198 95.2 76.5 114.7

97 49.3 38.7 58.1

132 29.5 22.2 33.2

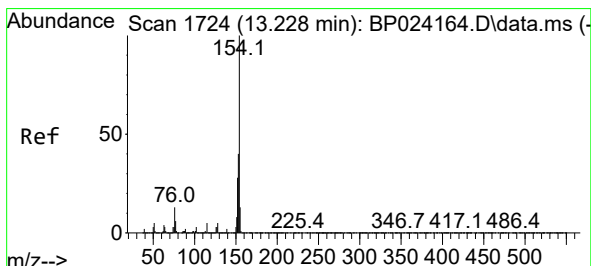
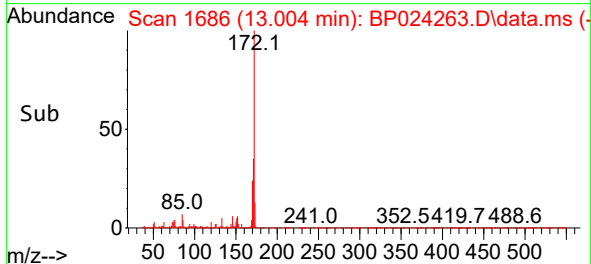
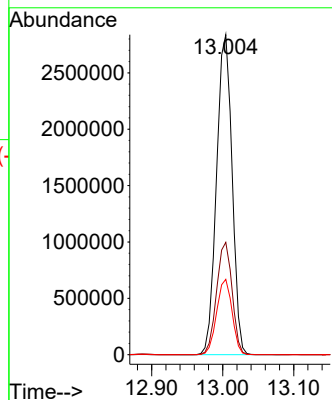
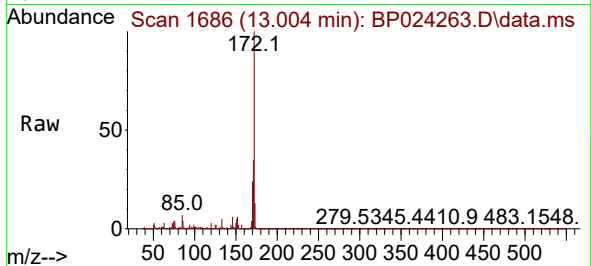




#45
2-Fluorobiphenyl
Concen: 96.600 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

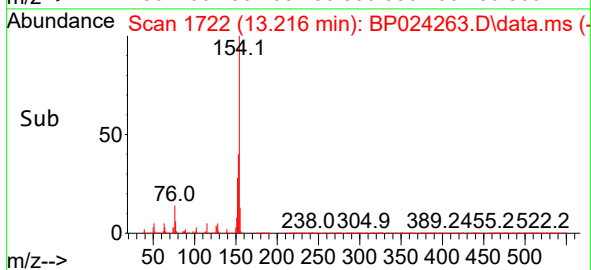
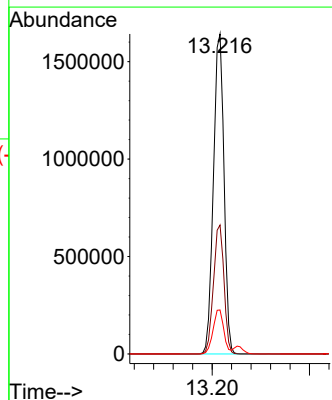
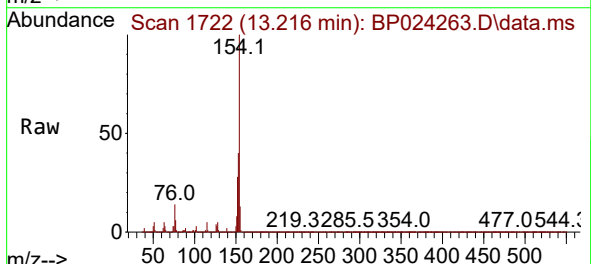
Instrument :
BNA_P
ClientSampleId :
PB167518BS

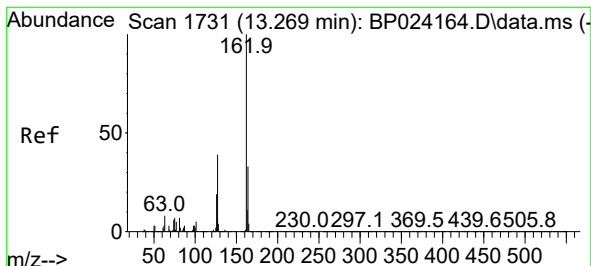
Tgt Ion:172 Resp: 4298219
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.855 ng
RT: 13.216 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:154 Resp: 2457964
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 13.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 50.547 ng

RT: 13.251 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

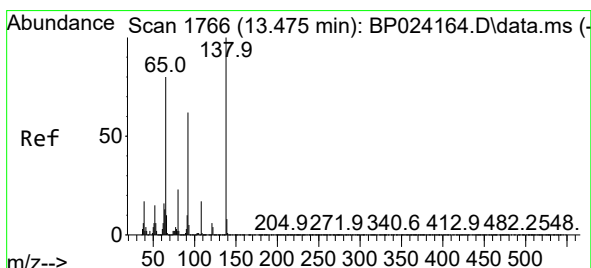
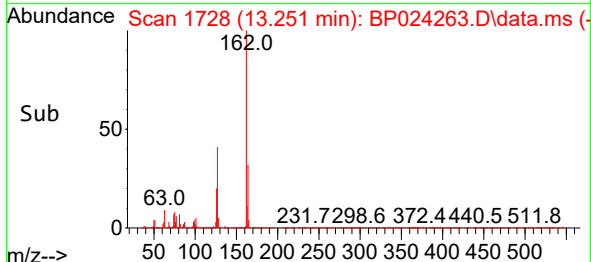
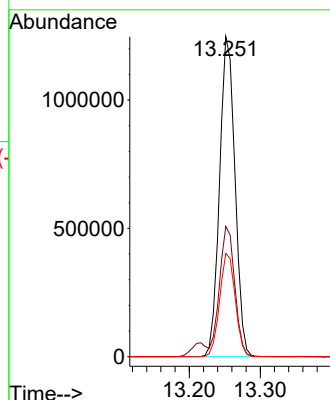
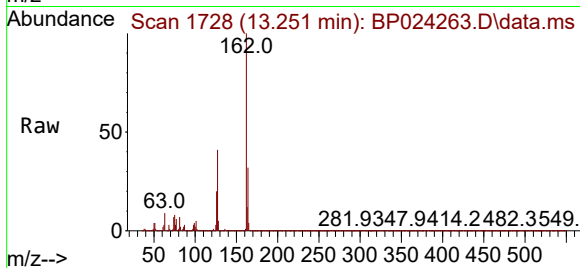
Tgt Ion:162 Resp: 1874459

Ion Ratio Lower Upper

162 100

127 40.7 31.5 47.3

164 32.3 26.6 39.8



#48

2-Nitroaniline

Concen: 59.347 ng

RT: 13.457 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

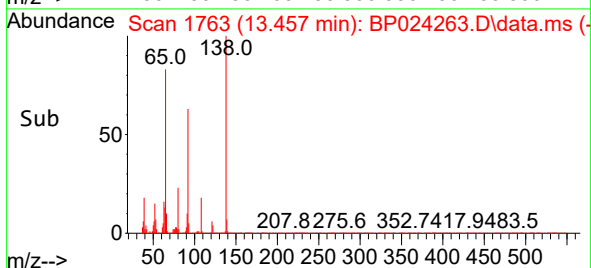
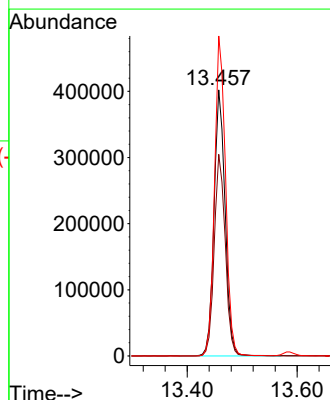
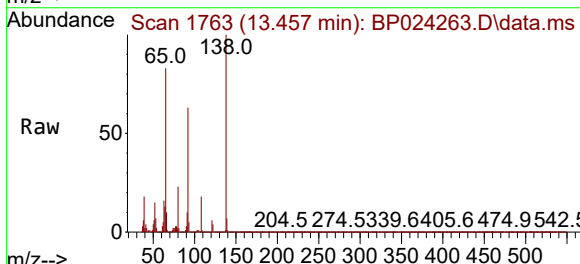
Tgt Ion: 65 Resp: 562905

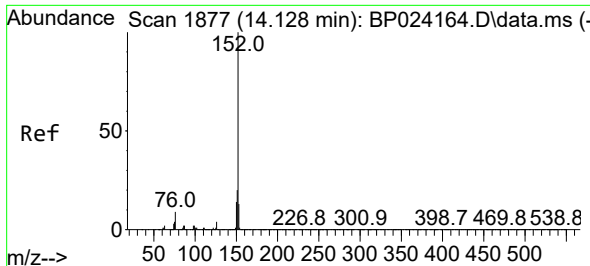
Ion Ratio Lower Upper

65 100

92 75.8 62.1 93.1

138 120.3 99.5 149.3

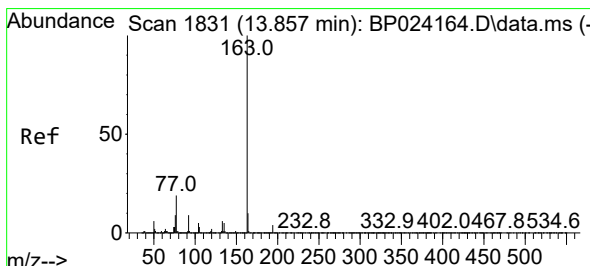
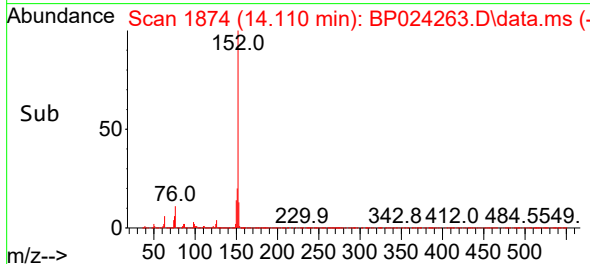
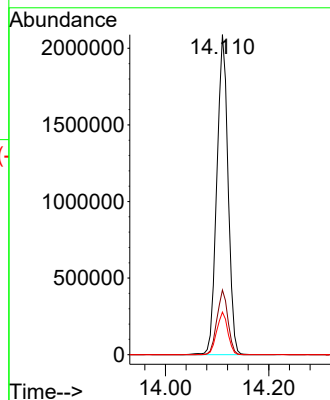
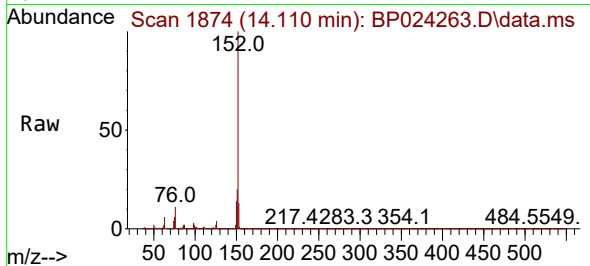




#49
Acenaphthylene
Concen: 55.892 ng
RT: 14.110 min Scan# 1874
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

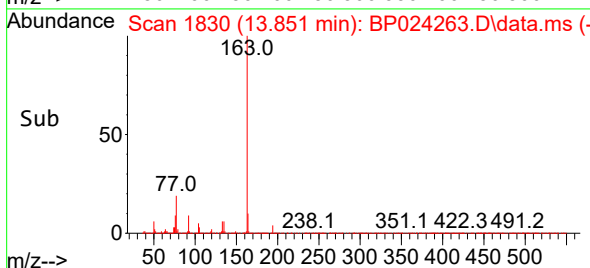
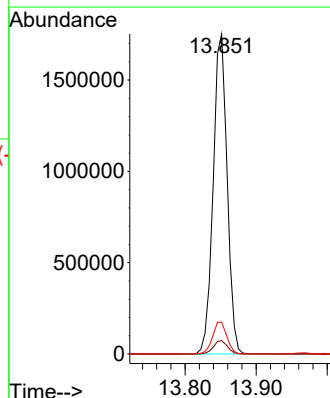
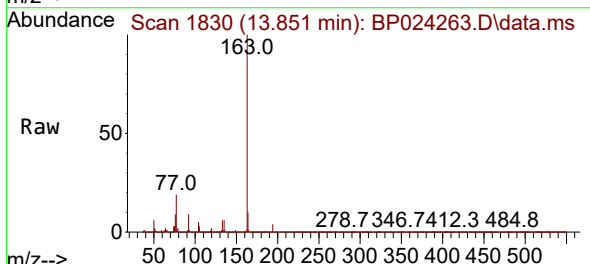
Instrument :
BNA_P
ClientSampleId :
PB167518BS

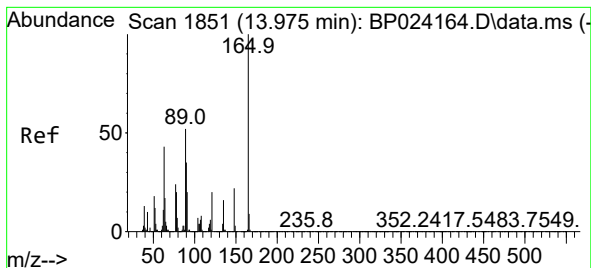
Tgt Ion:152 Resp: 3136174
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 52.092 ng
RT: 13.851 min Scan# 1830
Delta R.T. 0.012 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:163 Resp: 2391418
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.2 12.4

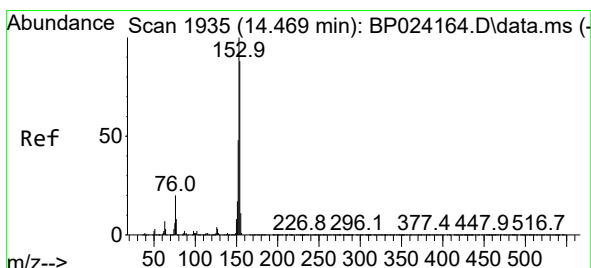
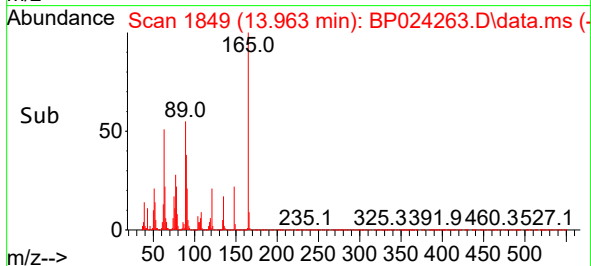
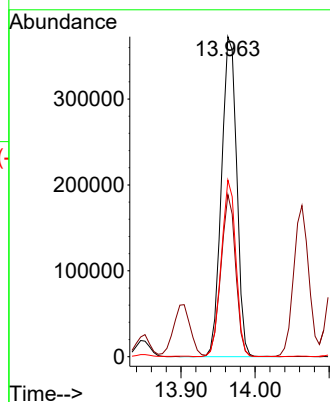
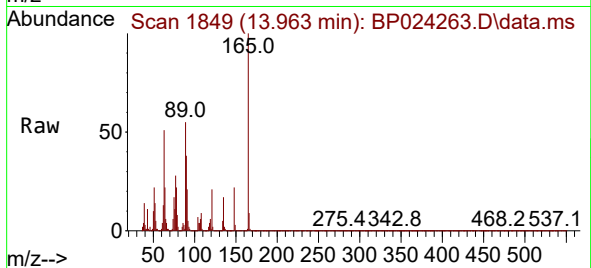




#51
2,6-Dinitrotoluene
Concen: 55.124 ng
RT: 13.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

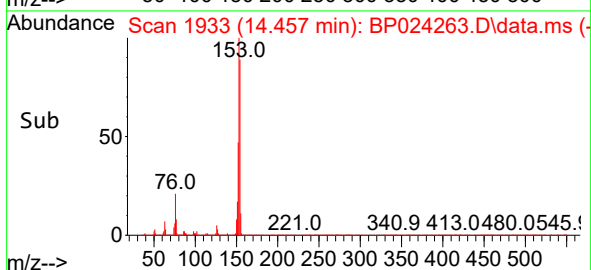
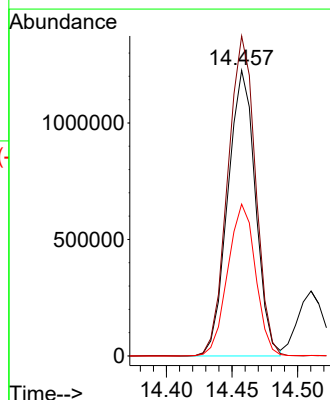
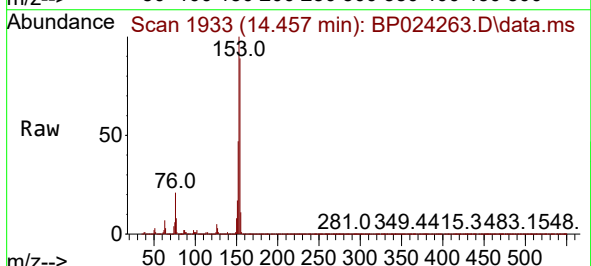
Instrument :
BNA_P
ClientSampleId :
PB167518BS

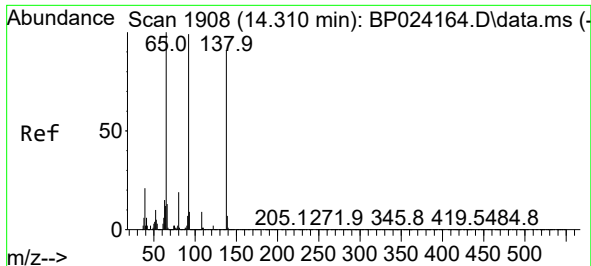
Tgt Ion:165 Resp: 532455
Ion Ratio Lower Upper
165 100
63 50.7 37.7 56.5
89 55.2 41.9 62.9



#52
Acenaphthene
Concen: 50.101 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:154 Resp: 1796188
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 53.2 43.1 64.7

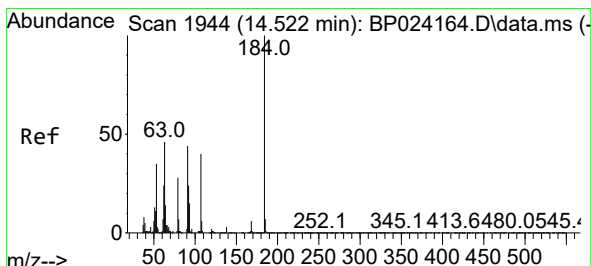
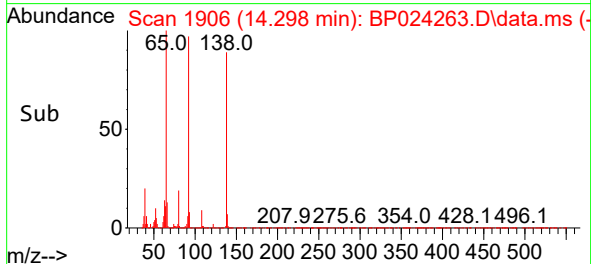
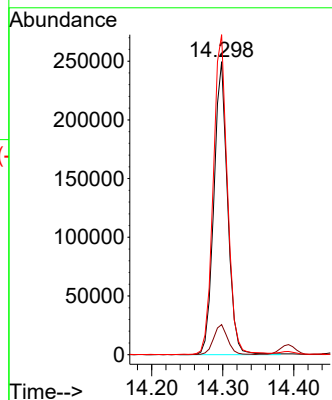
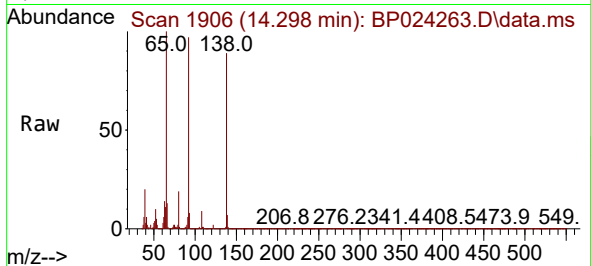




#53
3-Nitroaniline
Concen: 32.007 ng
RT: 14.298 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

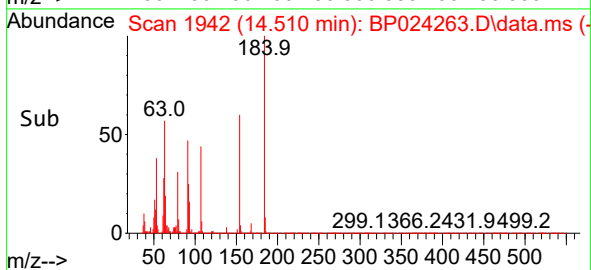
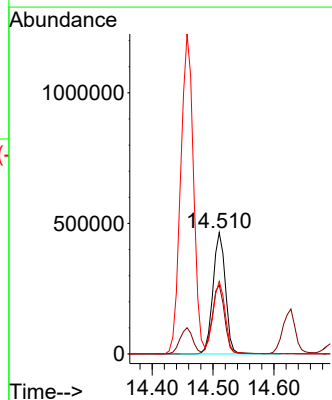
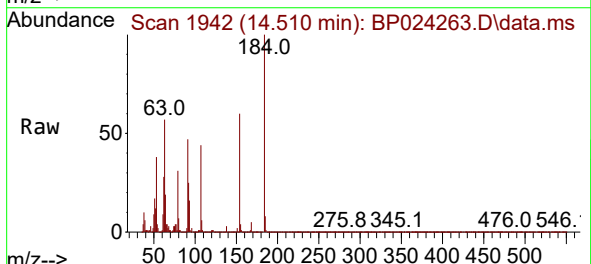
Instrument :
BNA_P
ClientSampleId :
PB167518BS

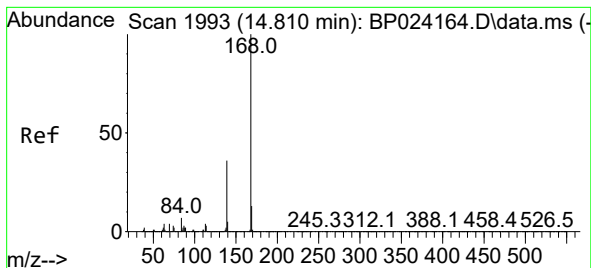
Tgt Ion:138 Resp: 333914
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 109.2 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 129.718 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:184 Resp: 662987
Ion Ratio Lower Upper
184 100
63 56.9 42.1 63.1
154 59.9 44.6 67.0





#55

Dibenzenofuran

Concen: 48.764 ng

RT: 14.798 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

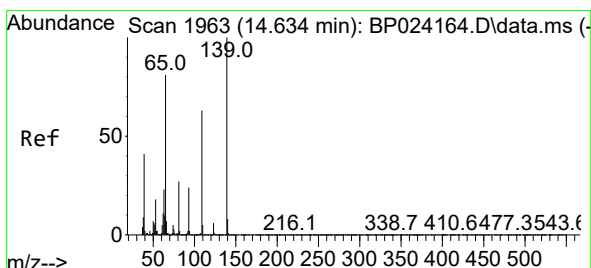
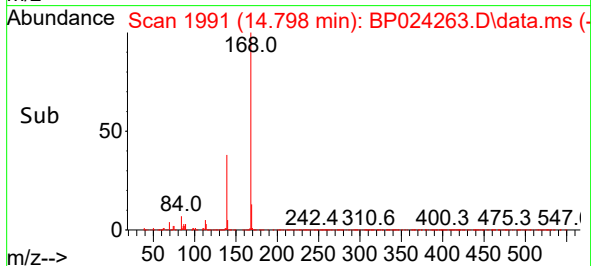
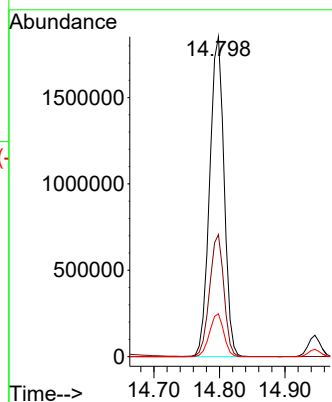
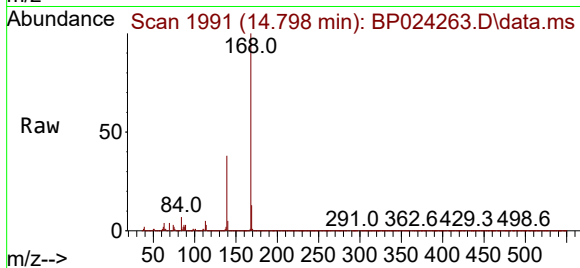
Tgt Ion:168 Resp: 2831843

Ion Ratio Lower Upper

168 100

139 38.2 29.1 43.7

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 121.289 ng

RT: 14.628 min Scan# 1962

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

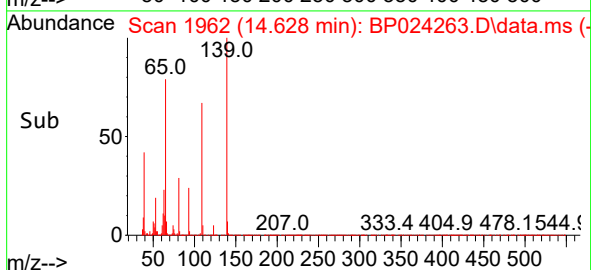
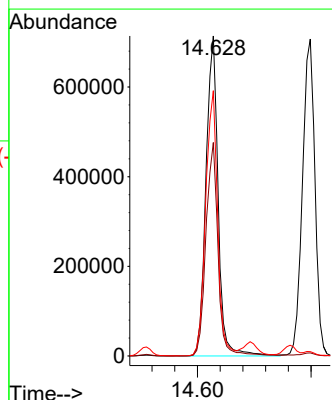
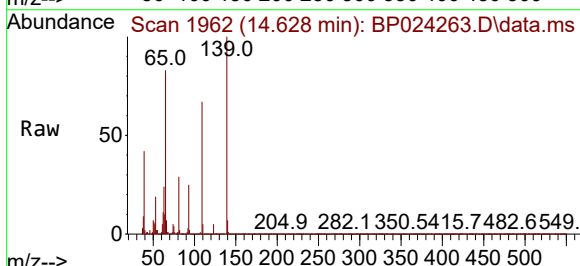
Tgt Ion:139 Resp: 1057300

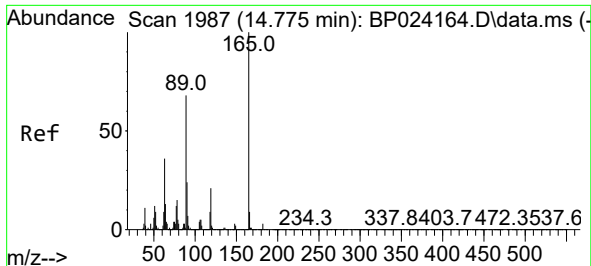
Ion Ratio Lower Upper

139 100

109 66.7 43.3 83.3

65 82.9 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 58.737 ng

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

Tgt Ion:165 Resp: 749419

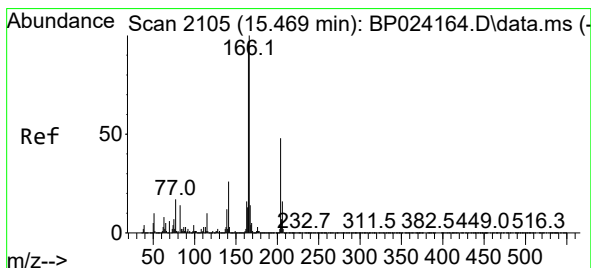
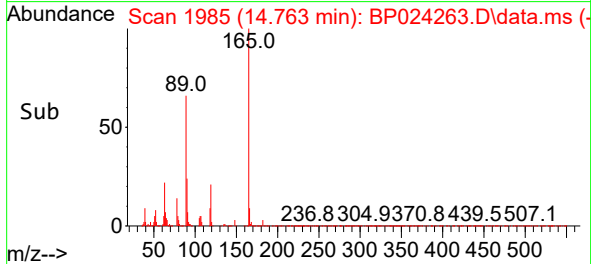
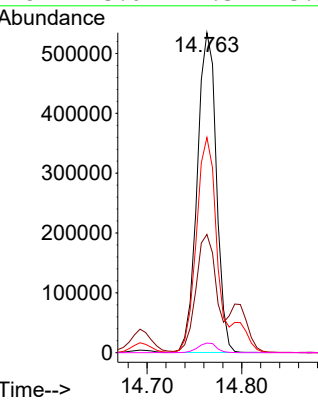
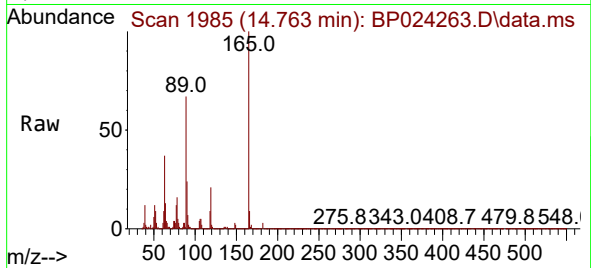
Ion Ratio Lower Upper

165 100

63 36.9 29.0 43.6

89 67.3 54.2 81.4

182 3.0 2.3 3.5



#58

Fluorene

Concen: 50.421 ng

RT: 15.457 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

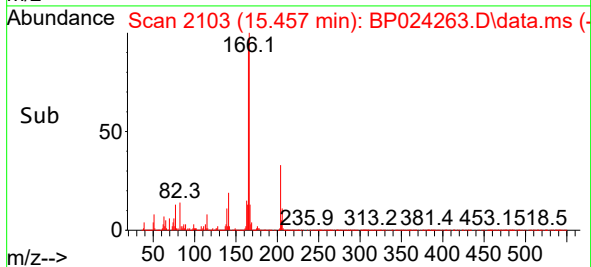
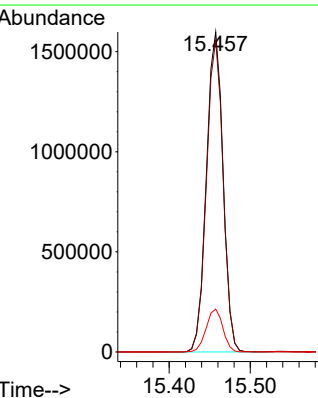
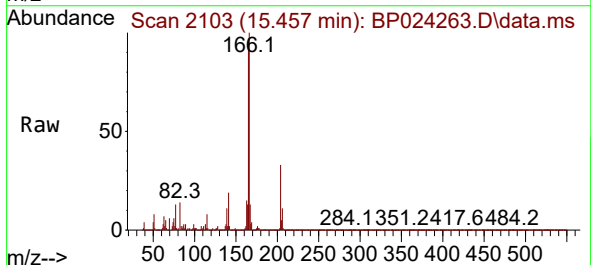
Tgt Ion:166 Resp: 2281360

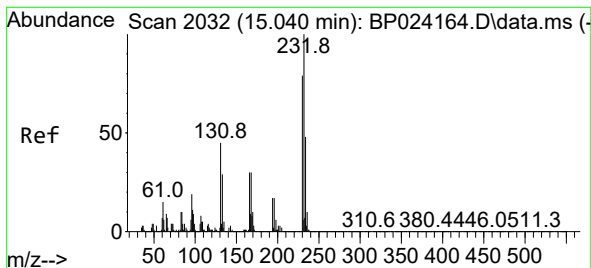
Ion Ratio Lower Upper

166 100

165 97.3 77.6 116.4

167 13.4 10.8 16.2

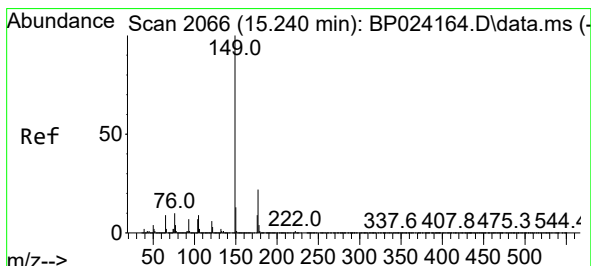
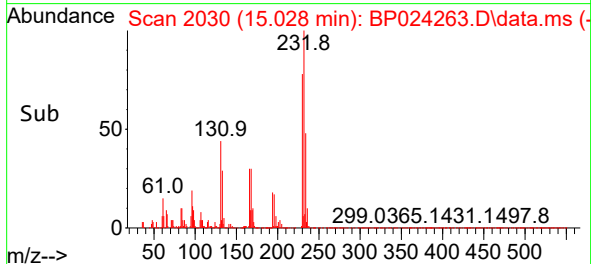
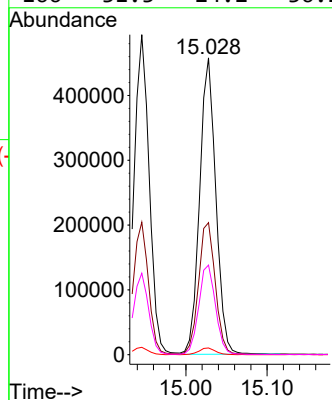
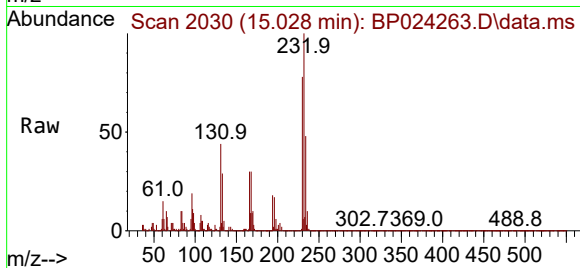




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.328 ng
RT: 15.028 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

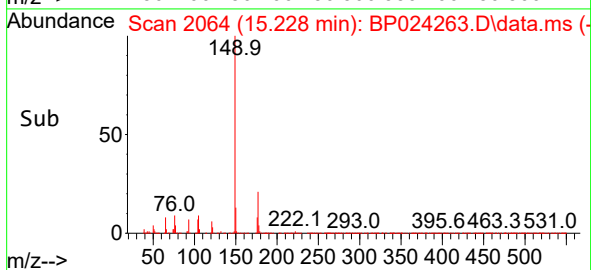
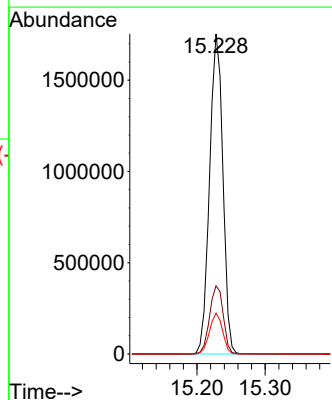
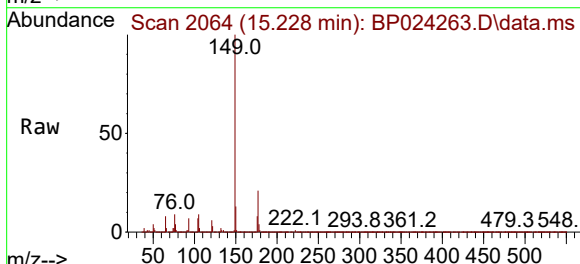
Instrument :
BNA_P
ClientSampleId :
PB167518BS

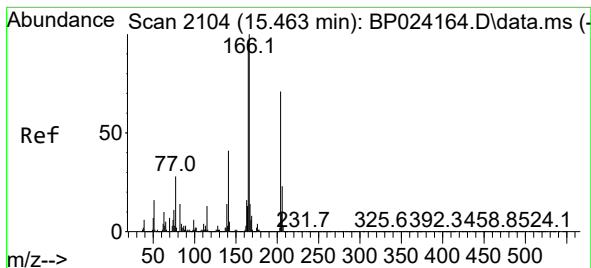
Tgt Ion:	232	Resp:	634464
Ion Ratio	Lower	Upper	
232	100		
131	46.1	35.9	53.9
130	2.3	1.8	2.6
166	31.3	24.2	36.2



#60
Diethylphthalate
Concen: 52.001 ng
RT: 15.228 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:	149	Resp:	2377275
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.7	26.5
150	12.8	10.2	15.4

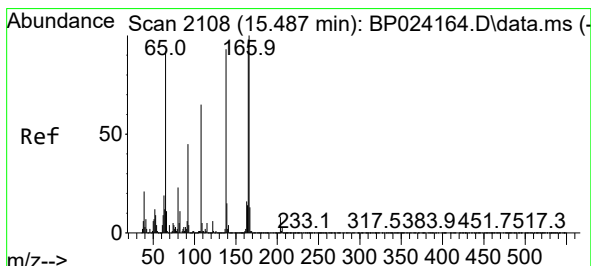
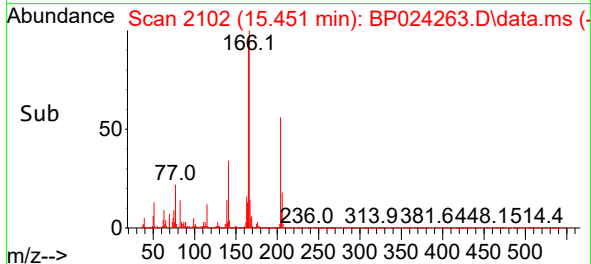
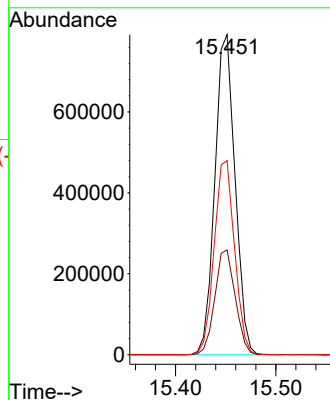
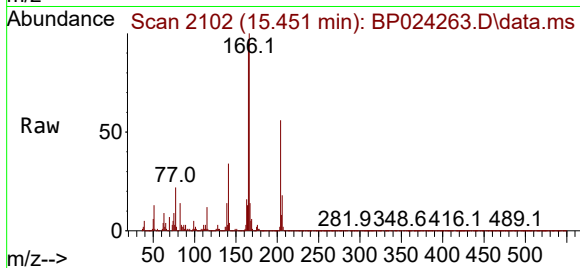




#61
4-Chlorophenyl-phenylether
Concen: 49.888 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

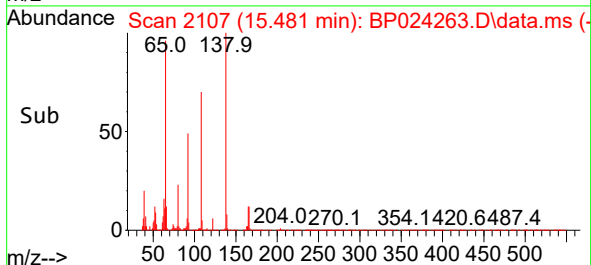
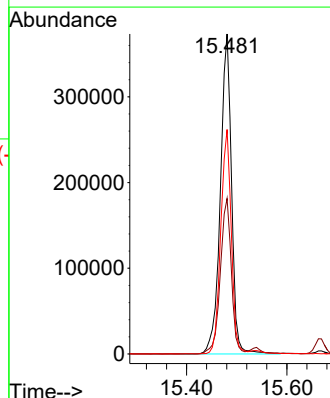
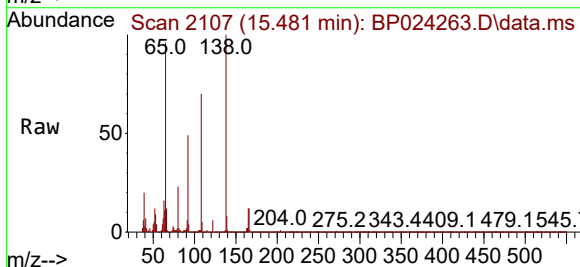
Instrument :
BNA_P
ClientSampleId :
PB167518BS

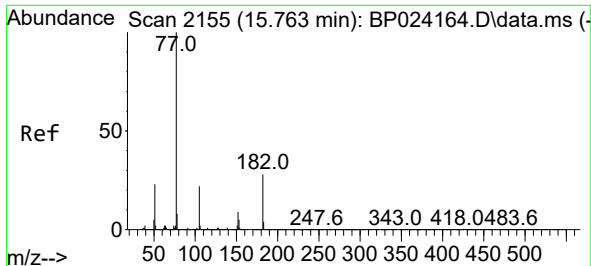
Tgt Ion:204 Resp: 1107114
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 60.7 45.8 68.8



#62
4-Nitroaniline
Concen: 53.002 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:138 Resp: 579936
Ion Ratio Lower Upper
138 100
92 48.6 28.7 68.7
108 70.2 49.5 89.5



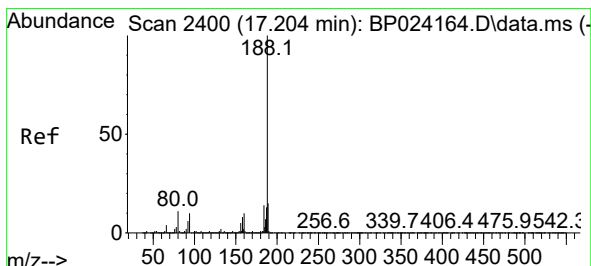
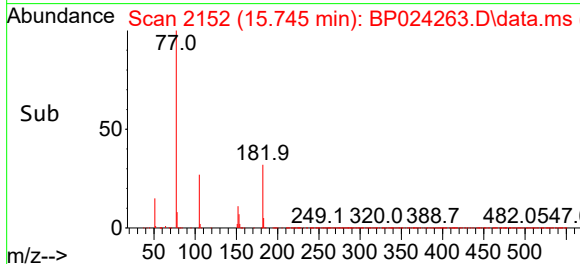
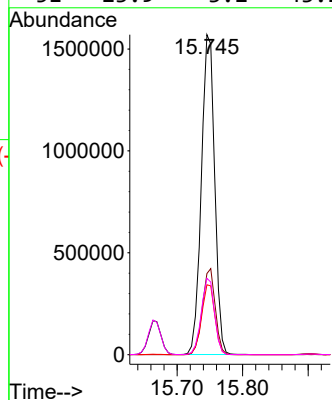
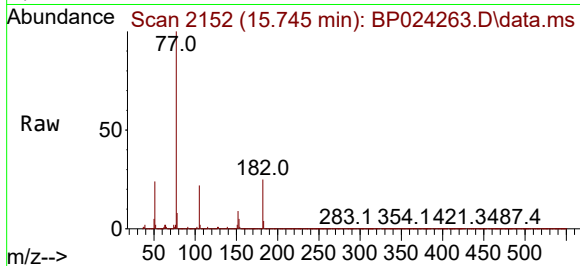


#63
Azobenzene
Concen: 51.596 ng
RT: 15.745 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Instrument :
BNA_P
ClientSampleId :
PB167518BS

Tgt Ion: 77 Resp: 2223203

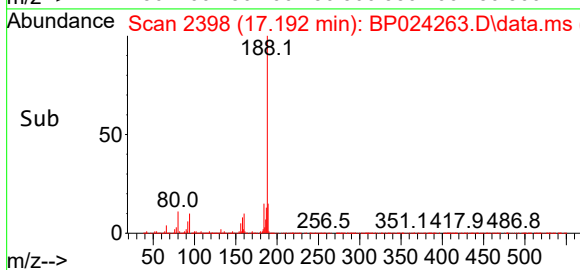
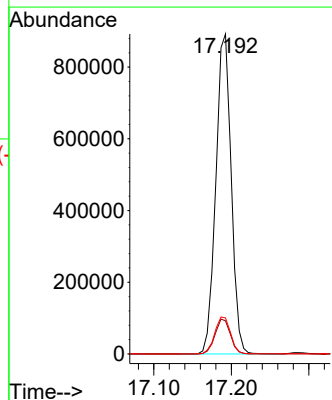
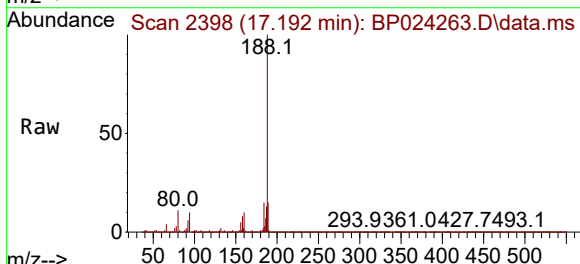
Ion	Ratio	Lower	Upper
77	100		
182	25.4	7.7	47.7
105	21.8	2.3	42.3
51	23.9	3.2	43.2

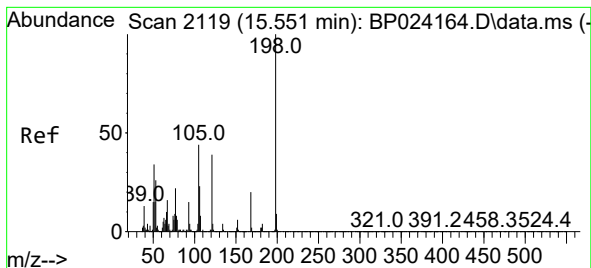


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion: 188 Resp: 1225951

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.3	8.9	13.3

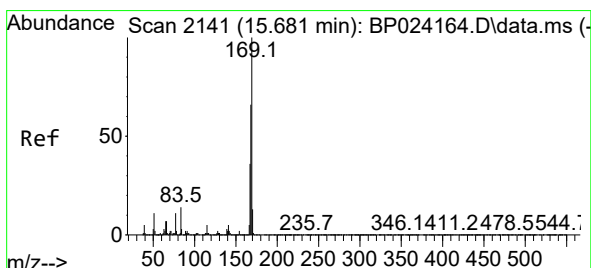
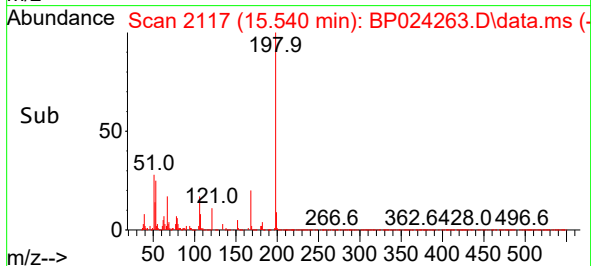
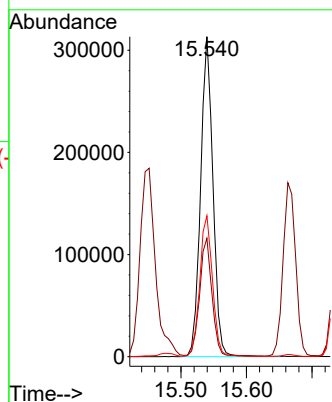
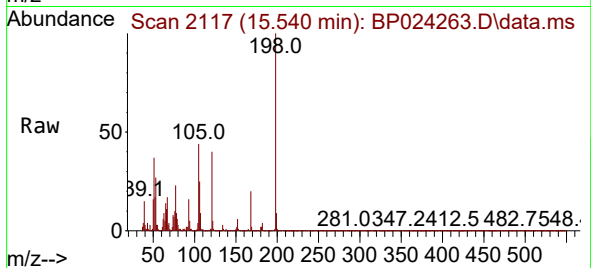




#65
4,6-Dinitro-2-methylphenol
Concen: 56.560 ng
RT: 15.540 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

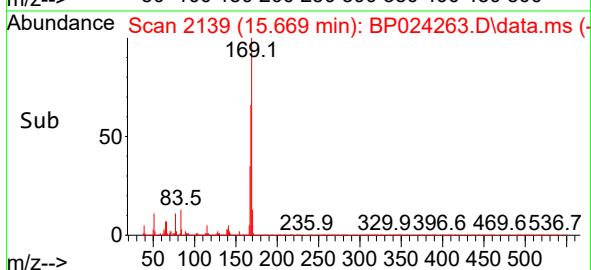
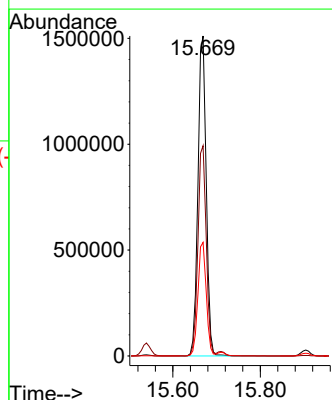
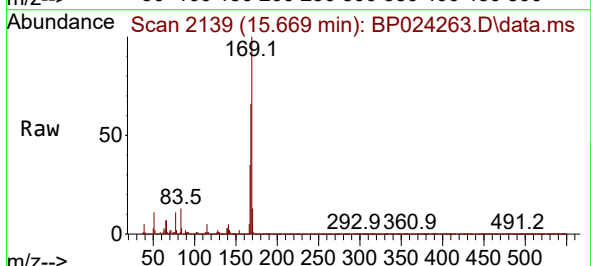
Instrument :
BNA_P
ClientSampleId :
PB167518BS

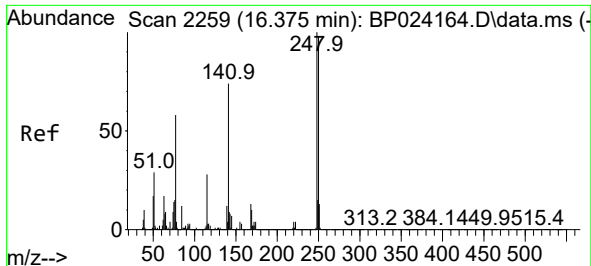
Tgt Ion:198 Resp: 411643
Ion Ratio Lower Upper
198 100
51 37.0 14.7 54.7
105 44.1 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 53.546 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:169 Resp: 1993415
Ion Ratio Lower Upper
169 100
168 65.7 52.9 79.3
167 35.5 28.8 43.2

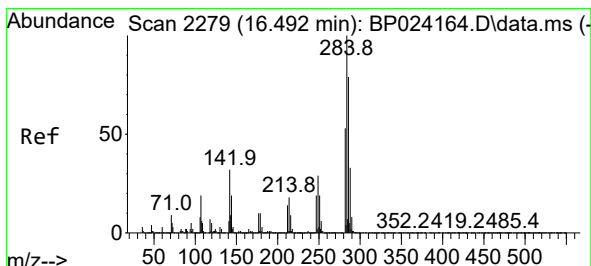
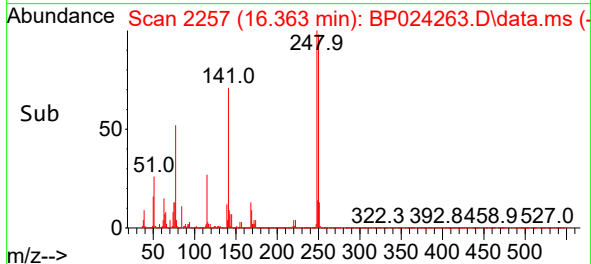
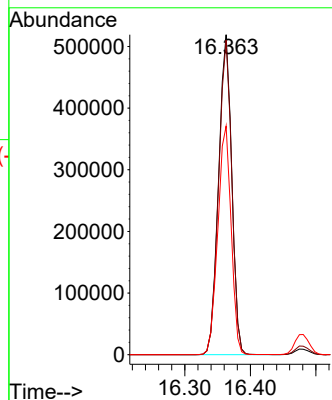
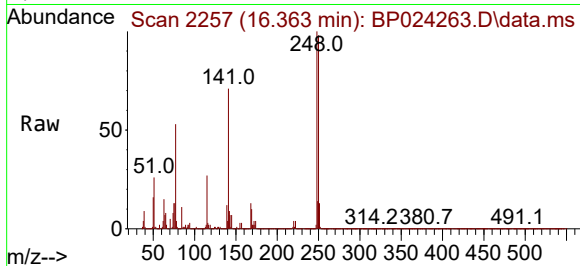




#67
4-Bromophenyl-phenylether
Concen: 53.572 ng
RT: 16.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

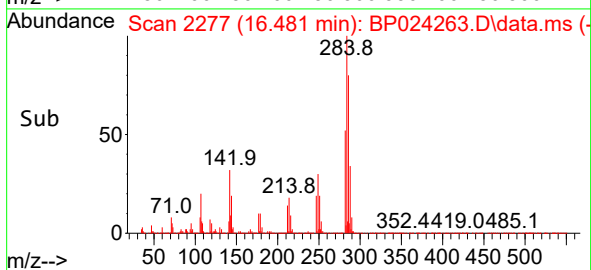
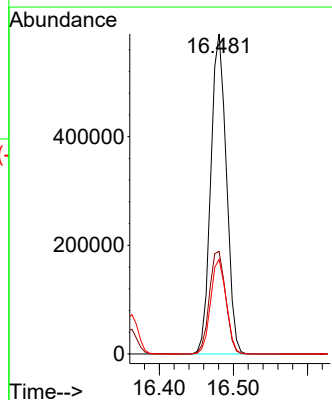
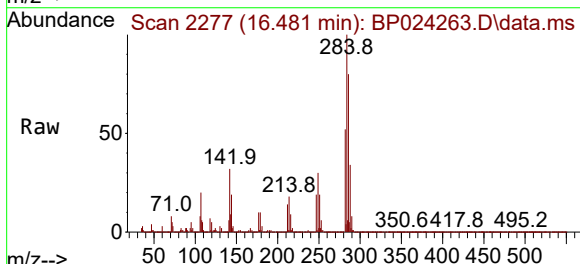
Instrument :
BNA_P
ClientSampleId :
PB167518BS

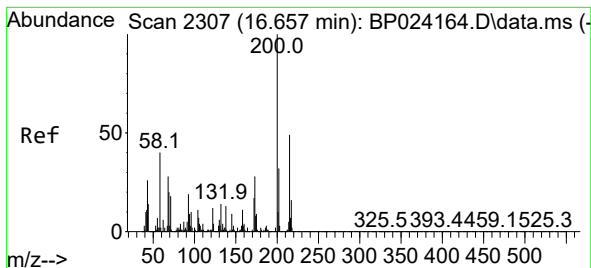
Tgt Ion:248 Resp: 721071
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 71.5 59.4 89.0



#68
Hexachlorobenzene
Concen: 54.007 ng
RT: 16.481 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BP024263.D
Acq: 11 Apr 2025 12:25

Tgt Ion:284 Resp: 860387
Ion Ratio Lower Upper
284 100
142 32.0 25.4 38.2
249 29.6 23.5 35.3





#69

Atrazine

Concen: 77.398 ng

RT: 16.651 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

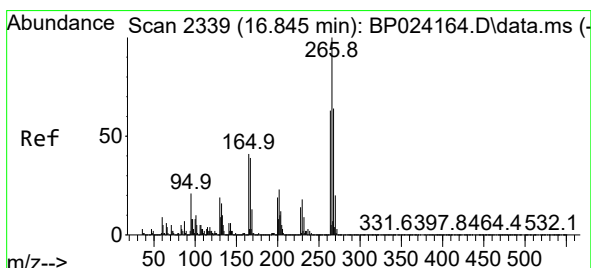
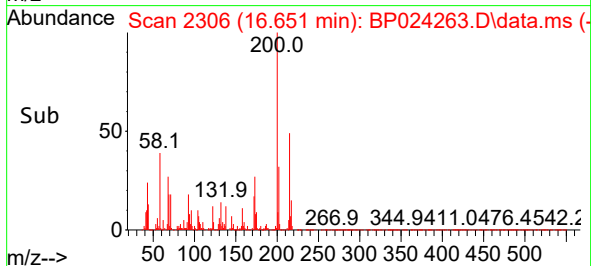
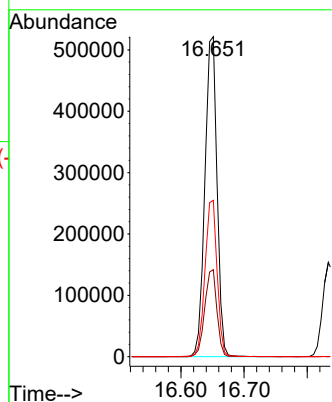
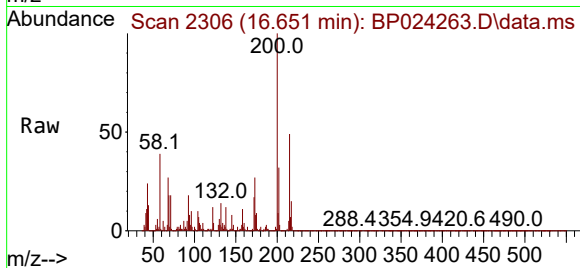
Tgt Ion:200 Resp: 695468

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

215 48.9 29.0 69.0



#70

Pentachlorophenol

Concen: 116.339 ng

RT: 16.834 min Scan# 2337

Delta R.T. -0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

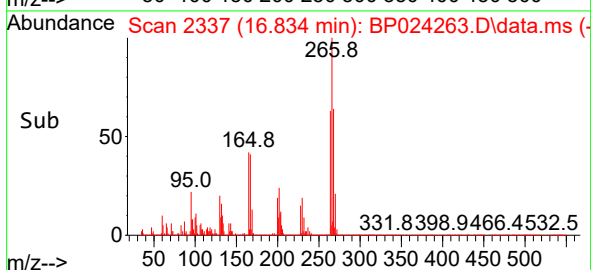
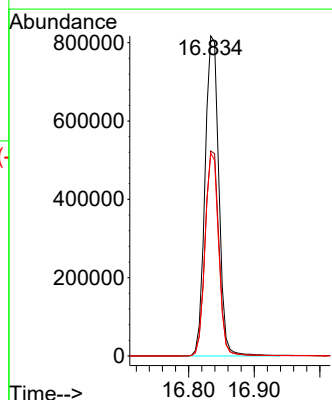
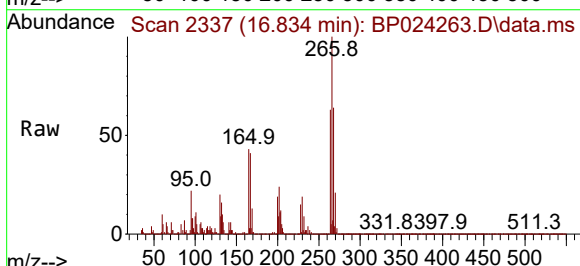
Tgt Ion:266 Resp: 1198571

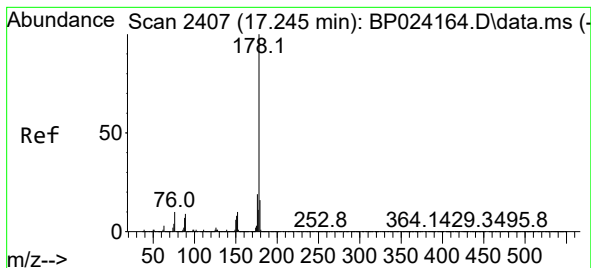
Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 51.903 ng

RT: 17.234 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

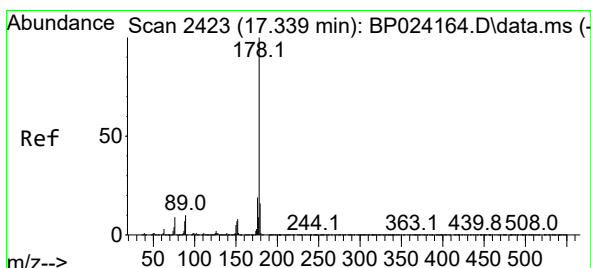
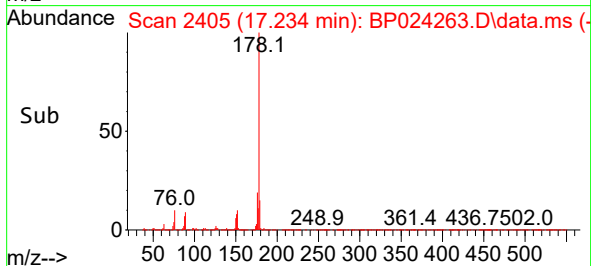
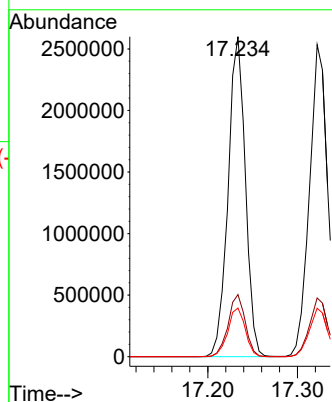
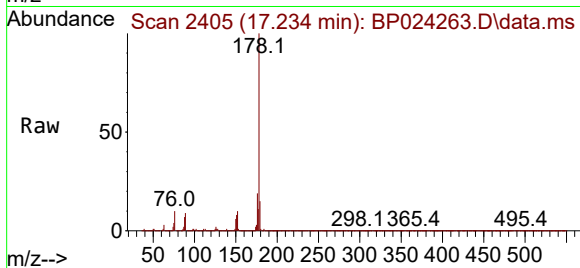
Tgt Ion:178 Resp: 3476139

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.2 12.5 18.7



#72

Anthracene

Concen: 54.860 ng

RT: 17.322 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

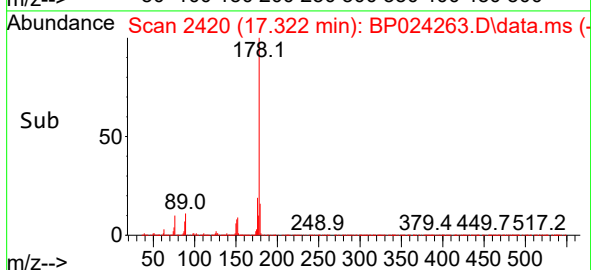
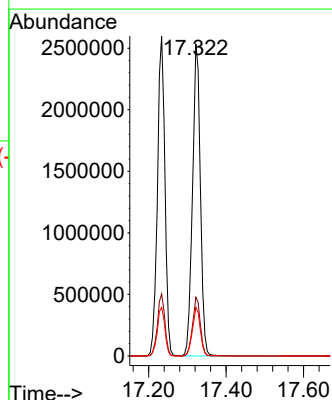
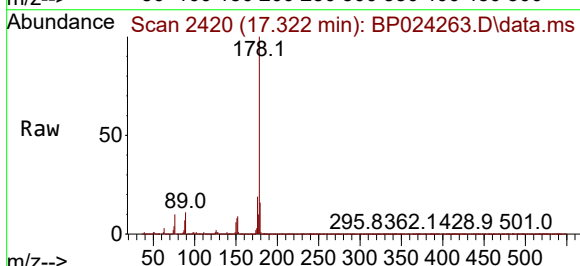
Tgt Ion:178 Resp: 3578499

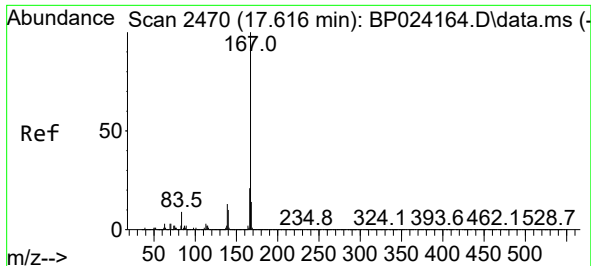
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.6 12.6 18.8

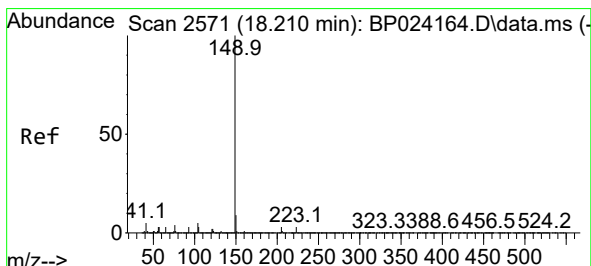
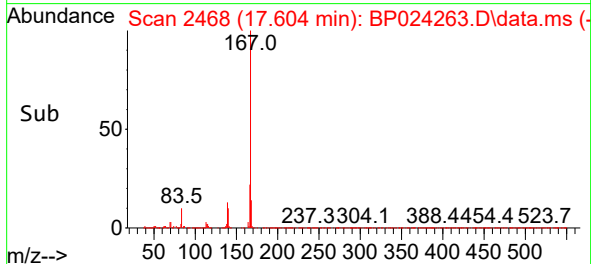
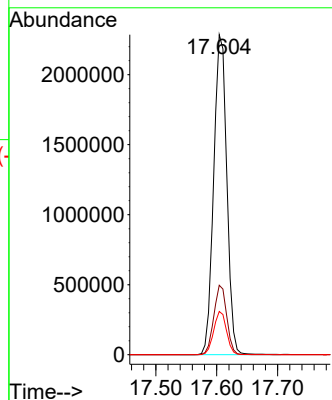
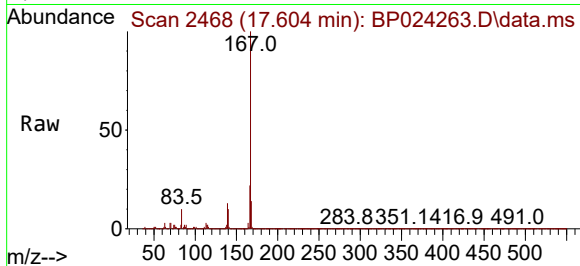




#73
 Carbazole
 Concen: 54.339 ng
 RT: 17.604 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BP024263.D
 Acq: 11 Apr 2025 12:25

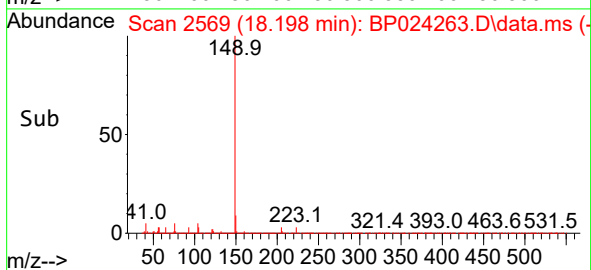
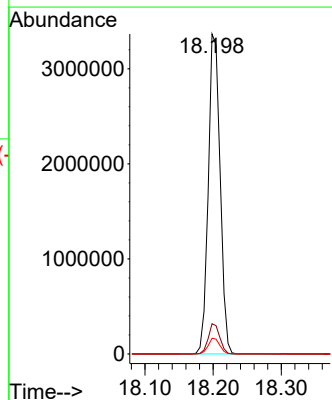
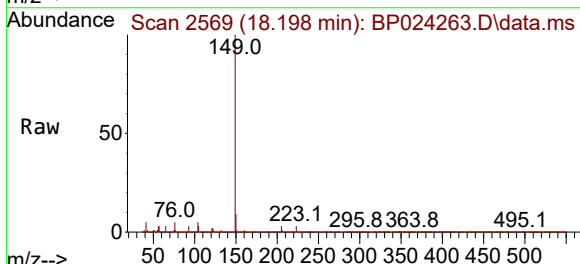
Instrument :
 BNA_P
 ClientSampleId :
 PB167518BS

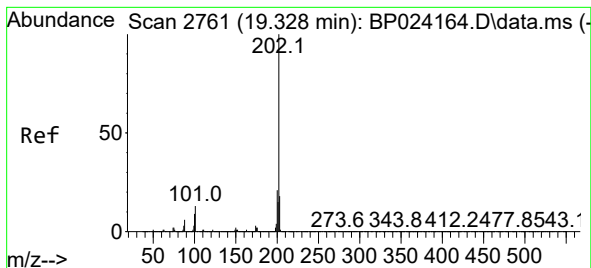
Tgt Ion:167 Resp: 3418195
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 54.458 ng
 RT: 18.198 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BP024263.D
 Acq: 11 Apr 2025 12:25

Tgt Ion:149 Resp: 4066715
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 52.302 ng

RT: 19.316 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

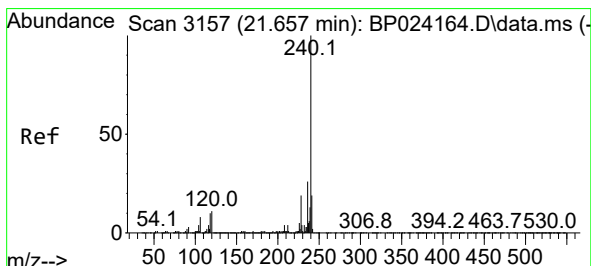
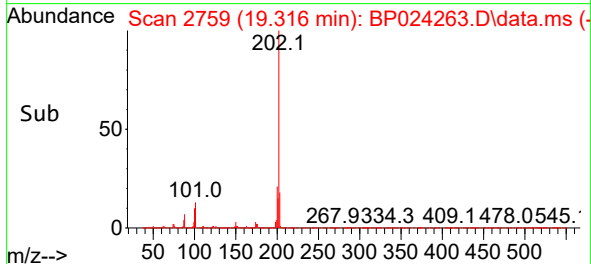
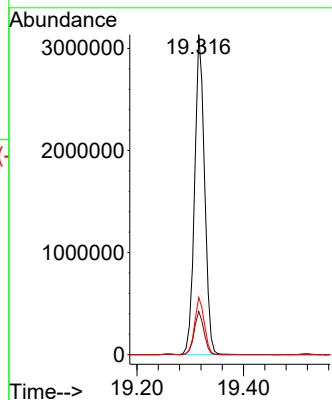
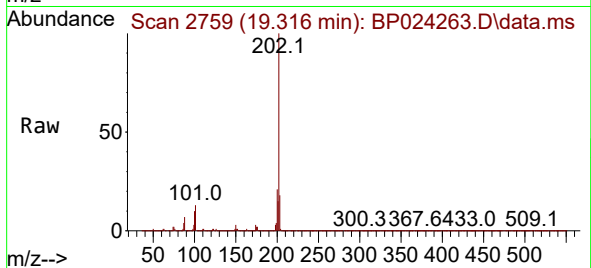
Tgt Ion:202 Resp: 4056848

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.5

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

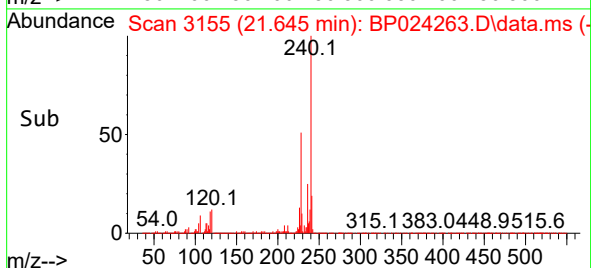
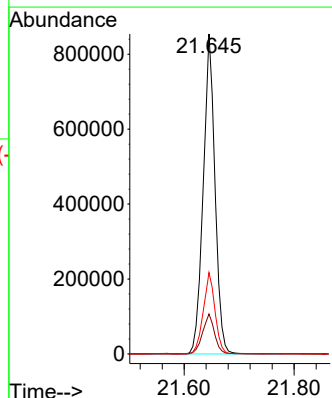
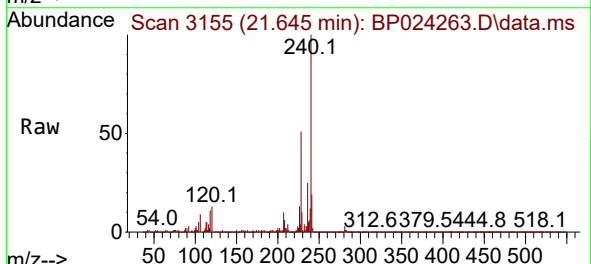
Tgt Ion:240 Resp: 1268427

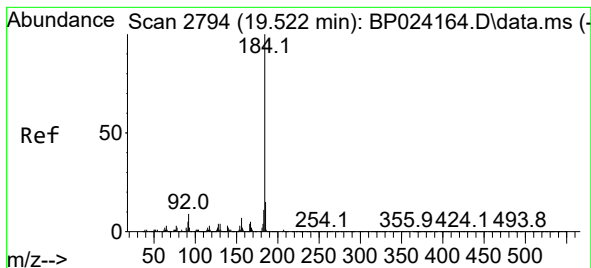
Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 25.5 20.4 30.6





#77

Benzidine

Concen: 137.749 ng

RT: 19.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

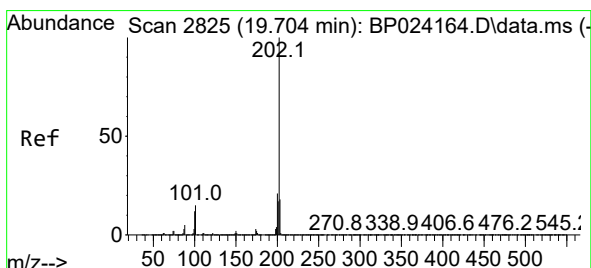
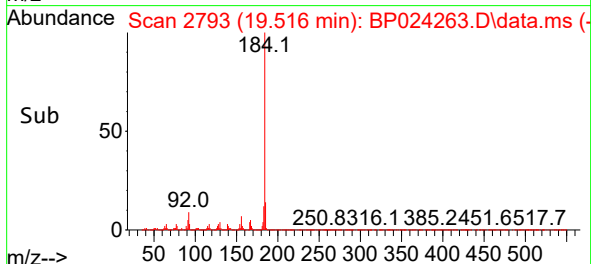
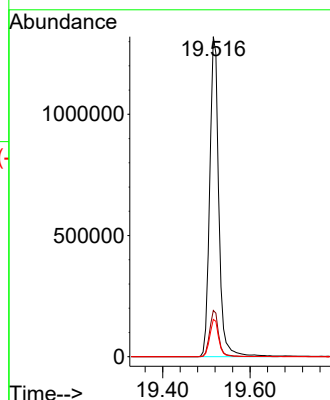
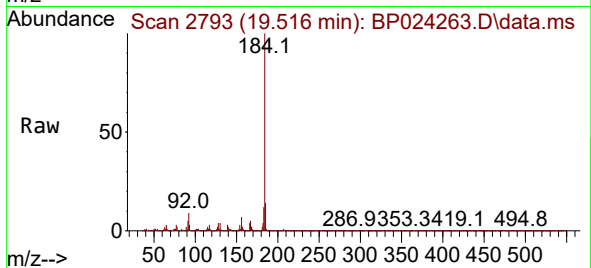
Tgt Ion:184 Resp: 1910343

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 11.7 9.1 13.7



#78

Pyrene

Concen: 53.141 ng

RT: 19.692 min Scan# 2823

Delta R.T. -0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

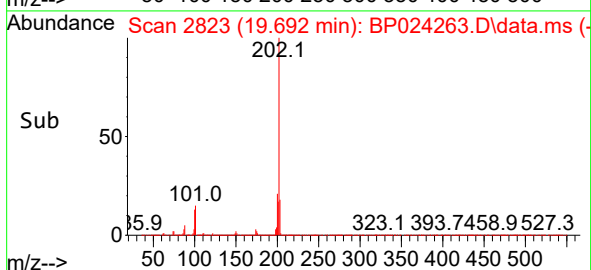
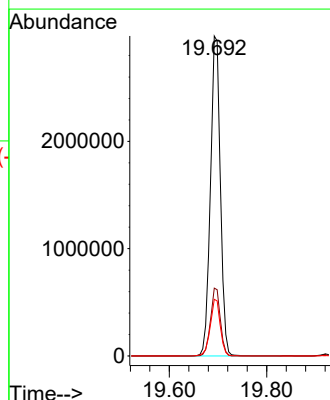
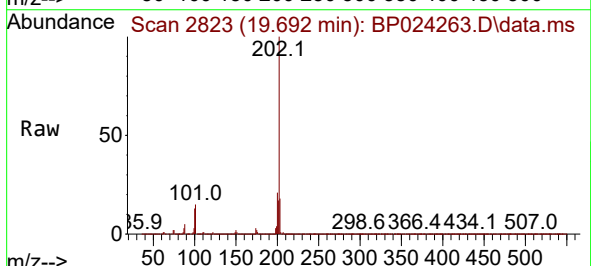
Tgt Ion:202 Resp: 4190573

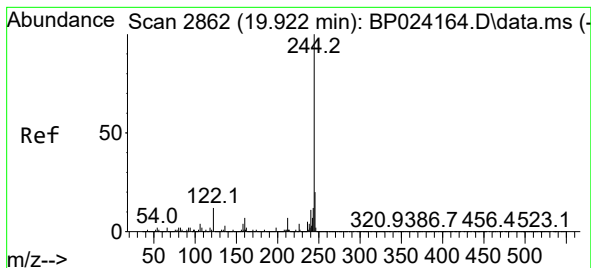
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 102.639 ng

RT: 19.922 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

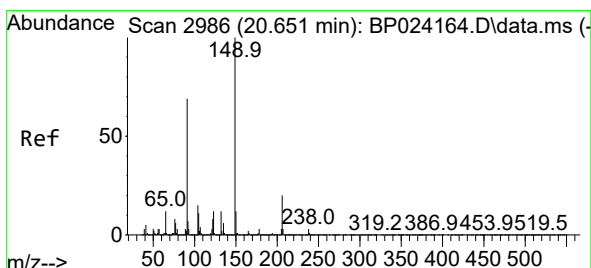
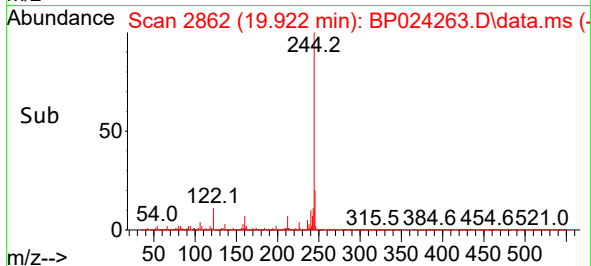
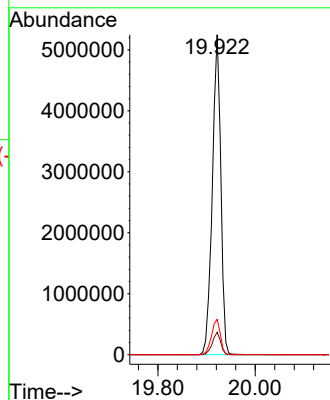
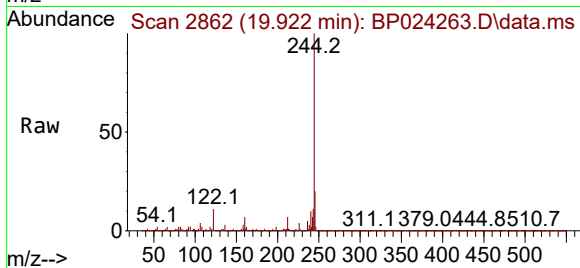
Tgt Ion:244 Resp: 6307003

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 58.467 ng

RT: 20.651 min Scan# 2986

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

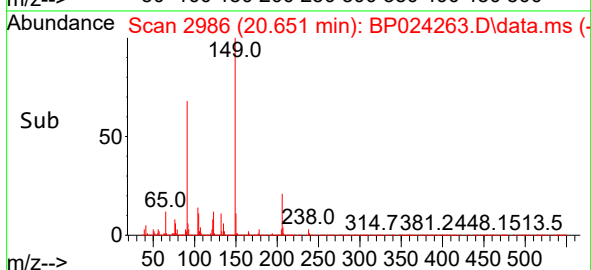
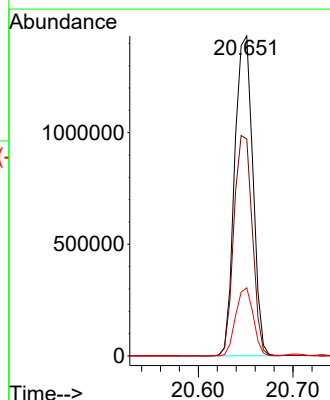
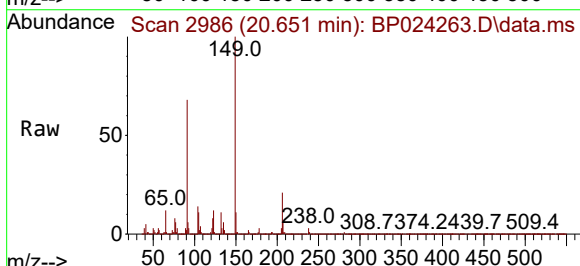
Tgt Ion:149 Resp: 1901299

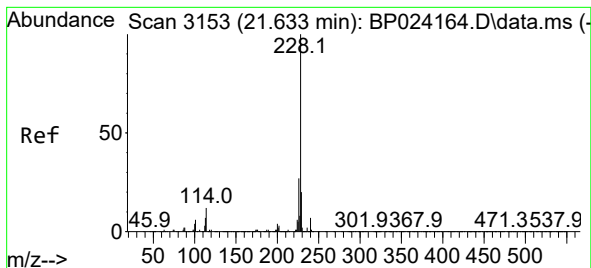
Ion Ratio Lower Upper

149 100

91 67.8 55.3 82.9

206 21.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 54.709 ng

RT: 21.622 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

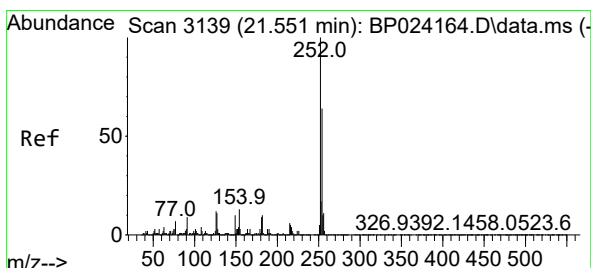
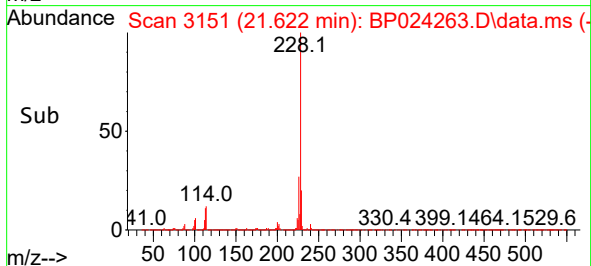
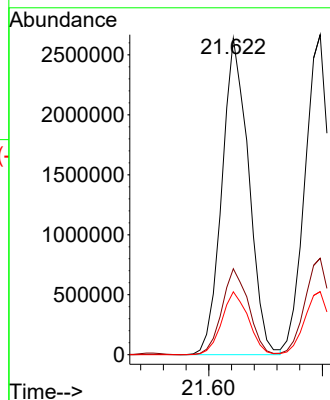
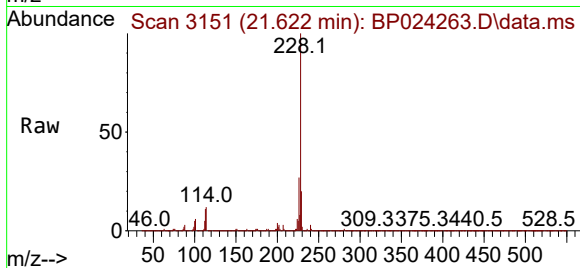
Tgt Ion:228 Resp: 4314443

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 44.093 ng

RT: 21.551 min Scan# 3139

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

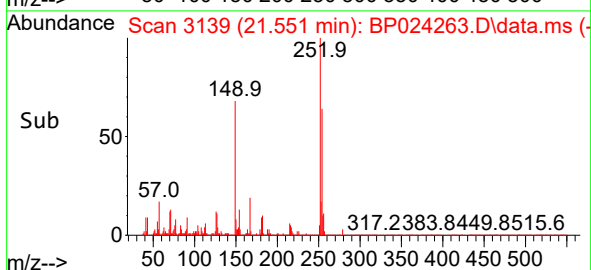
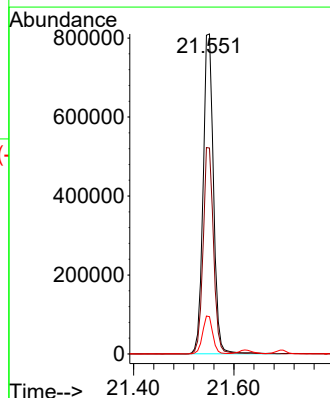
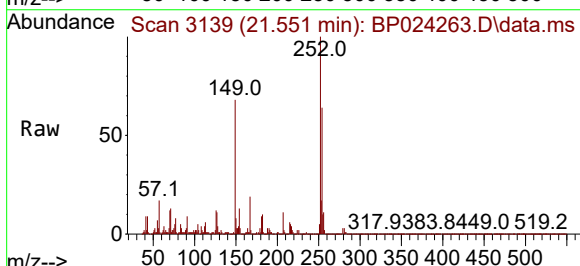
Tgt Ion:252 Resp: 1165413

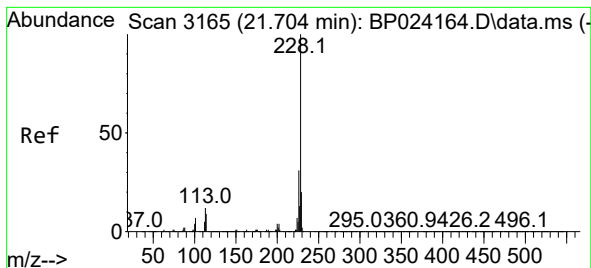
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 11.7 9.3 13.9





#83

Chrysene

Concen: 52.444 ng

RT: 21.698 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

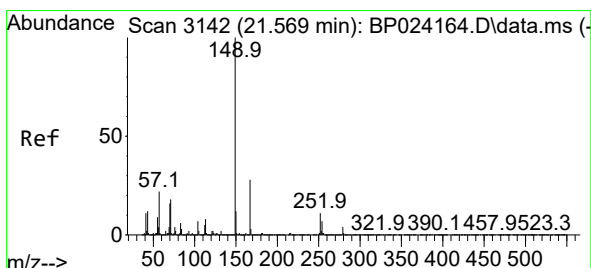
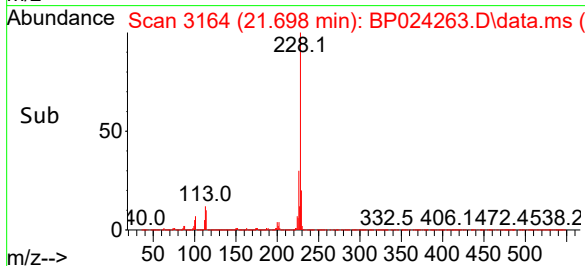
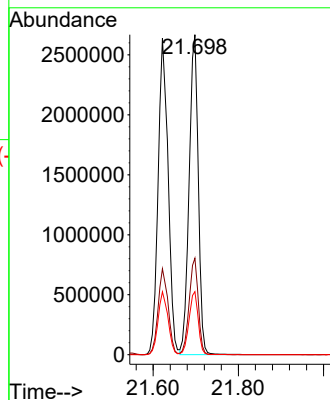
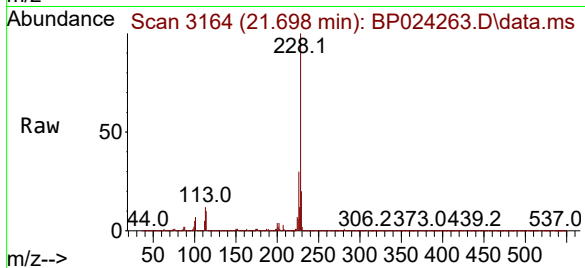
Tgt Ion:228 Resp: 3975849

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.7 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.609 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

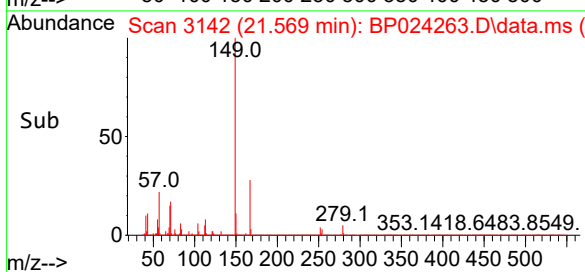
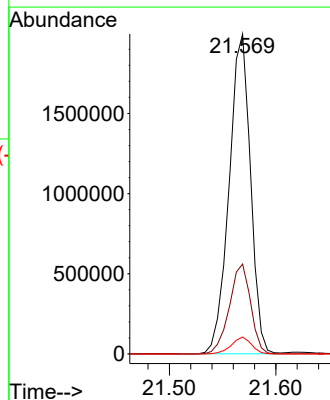
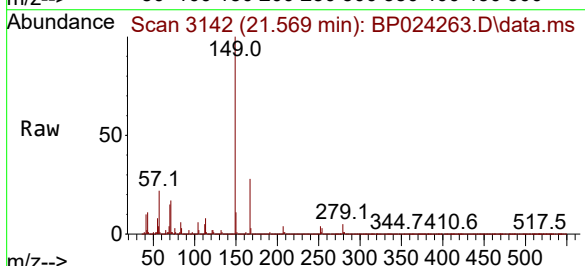
Tgt Ion:149 Resp: 2777718

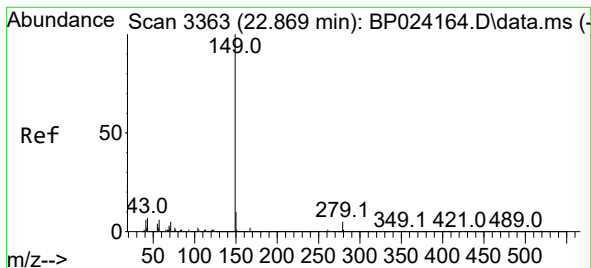
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 59.565 ng

RT: 22.851 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

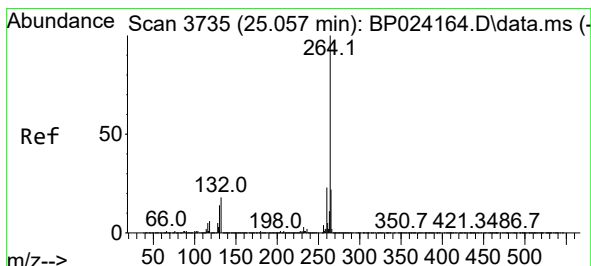
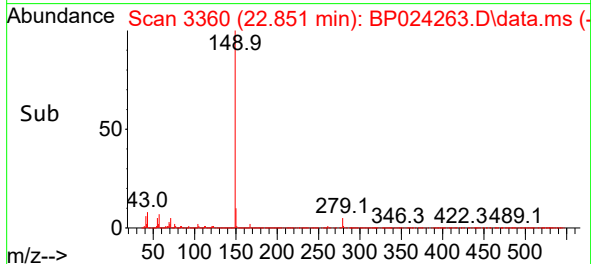
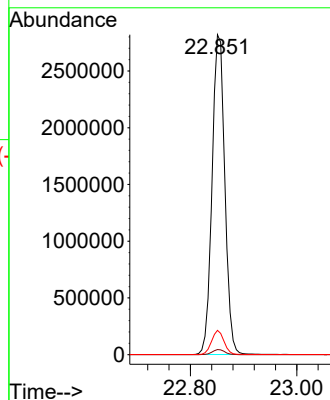
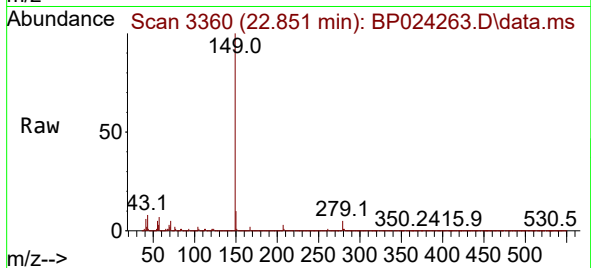
Tgt Ion:149 Resp: 4682912

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 3729

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

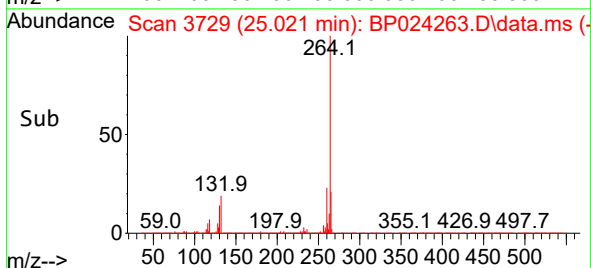
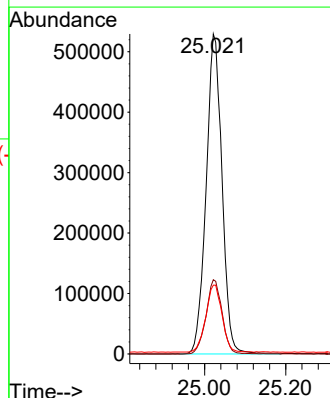
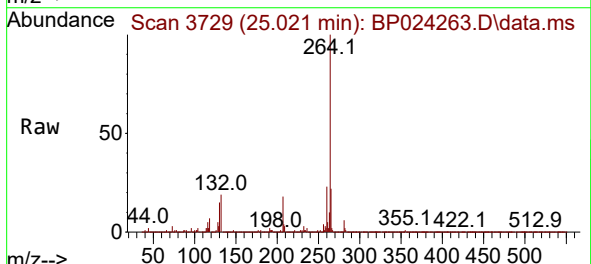
Tgt Ion:264 Resp: 1432702

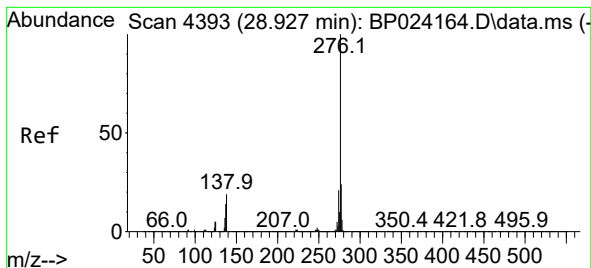
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.794 ng

RT: 28.851 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

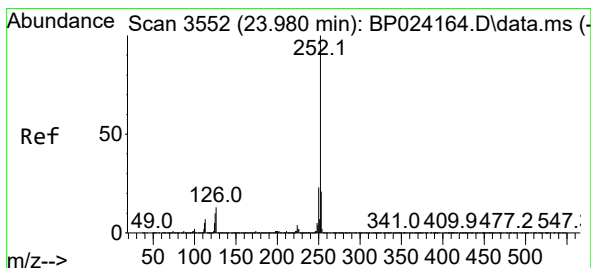
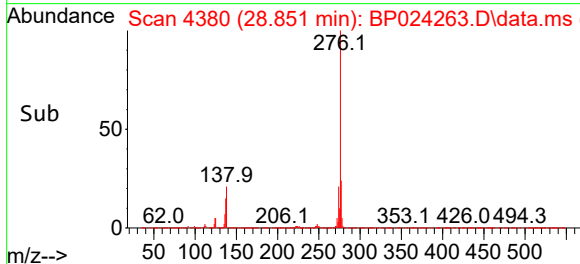
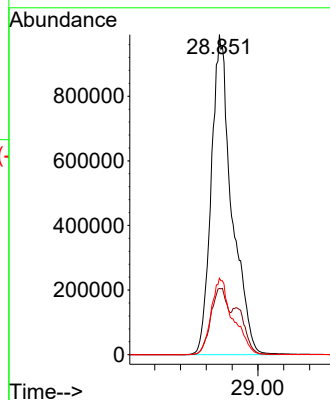
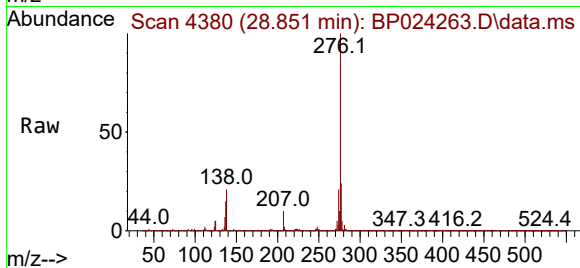
Tgt Ion:276 Resp: 5478900

Ion Ratio Lower Upper

276 100

138 17.0 13.7 20.5

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.978 ng

RT: 23.939 min Scan# 3545

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

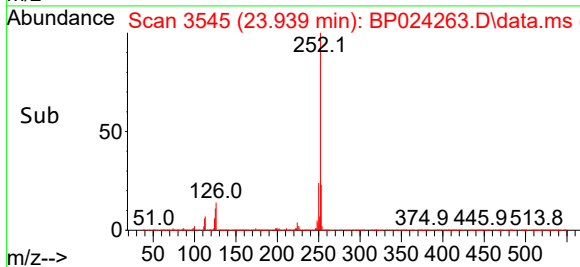
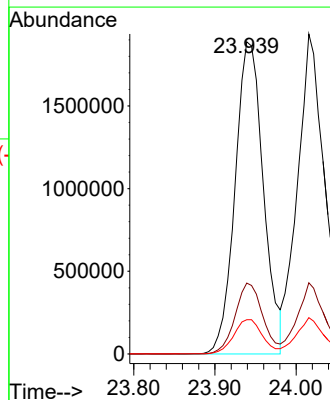
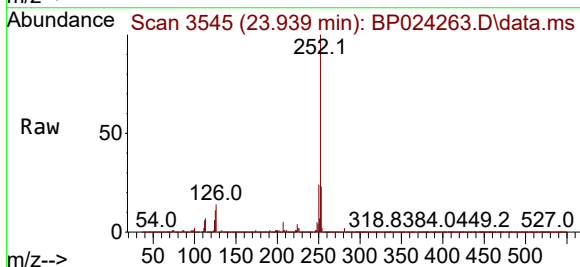
Tgt Ion:252 Resp: 4576422

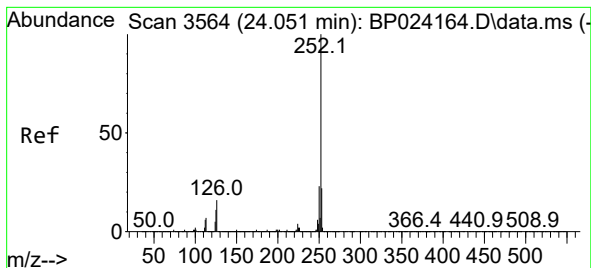
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 11.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 53.472 ng

RT: 24.016 min Scan# 30

Delta R.T. 0.000 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

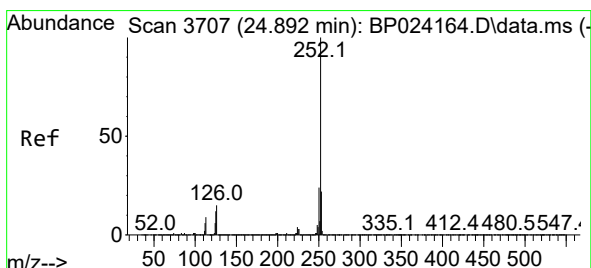
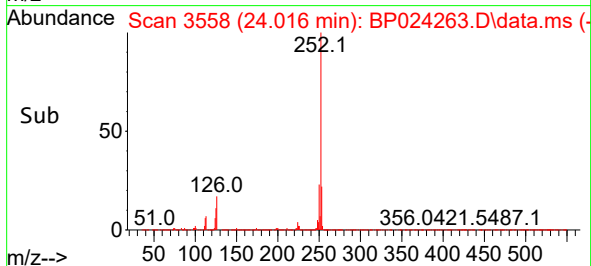
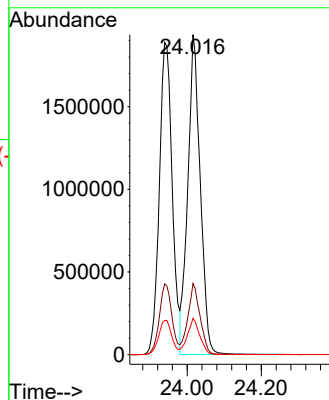
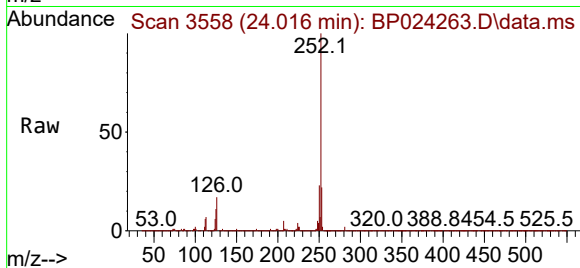
Tgt Ion:252 Resp: 4518331

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.4 9.1 13.7



#90

Benzo(a)pyrene

Concen: 58.140 ng

RT: 24.869 min Scan# 3703

Delta R.T. 0.018 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

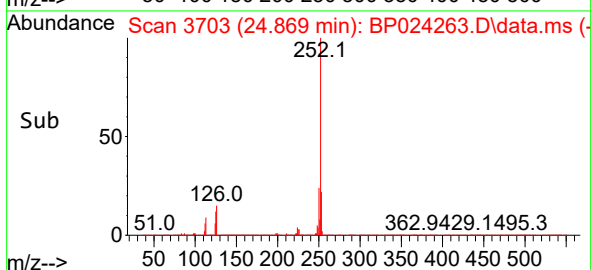
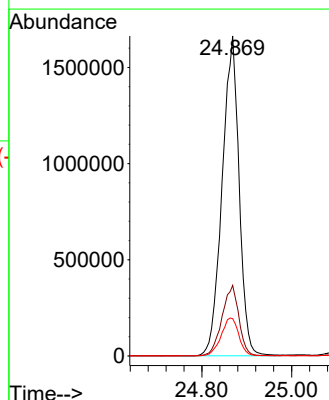
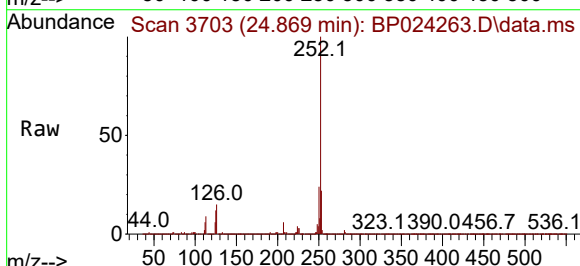
Tgt Ion:252 Resp: 4367257

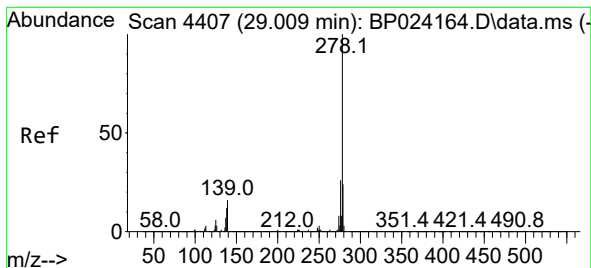
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.6 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.169 ng

RT: 28.933 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Instrument :

BNA_P

ClientSampleId :

PB167518BS

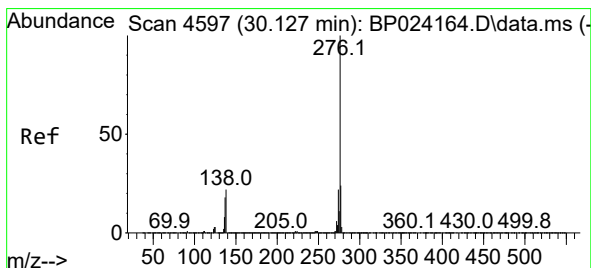
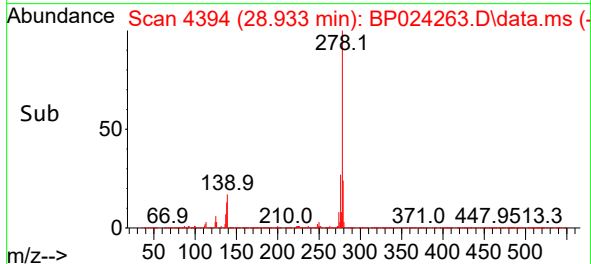
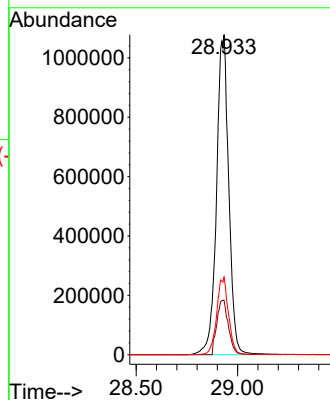
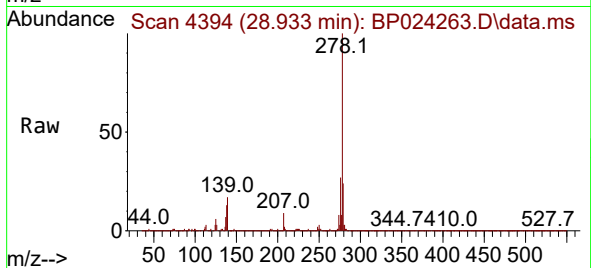
Tgt Ion:278 Resp: 4506175

Ion Ratio Lower Upper

278 100

139 17.0 13.0 19.4

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 52.146 ng

RT: 30.051 min Scan# 4584

Delta R.T. 0.041 min

Lab File: BP024263.D

Acq: 11 Apr 2025 12:25

Tgt Ion:276 Resp: 4409701

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.2 17.4 26.2

